

# Ralph W. Kuncl

## Curriculum Vitae

Academic Credentials &  
Bibliography  
December 2018

Home:  
Miraflores  
851 W. Highland Avenue  
Redlands, CA 92373  
909.894.8586 (cell)  
ralph\_kuncl@redlands.edu

Office:  
Office of the President  
University of Redlands  
1200 East Colton Avenue  
PO Box 3080  
Redlands, CA 92373-0999  
909.748.8390 (office)

---

## Education

---

- M.D.** University of Chicago, Pritzker School of Medicine
- Ph.D.** University of Chicago, Division of Biological Sciences (Experimental Pathology)
- A.B.** Occidental College  
*Magna cum laude, Phi Beta Kappa, with department honors*

Clinical medical scientist, researcher, neurologist/neuroscientist, educator, higher education executive, musician

---

## Executive Administrative & Faculty Appointments

---

### Administrative

<b>President</b> University of Redlands, Redlands, CA <a href="http://www.redlands.edu/">http://www.redlands.edu/</a> <a href="http://www.redlands.edu/meet-redlands/office-of-the-president/">http://www.redlands.edu/meet-redlands/office-of-the-president/</a>	2012 – present
<b>Provost; Executive Vice President; Chief Research Officer; &amp; Member of the Board of Strong Memorial Hospital</b> University of Rochester	2007 – 2012
<b>Provost</b> Bryn Mawr College	2002 – 2007
<b>Vice Provost</b> The Johns Hopkins University	2001 – 2002
<b>Director, Neuromuscular Laboratory</b> The Johns Hopkins University, School of Medicine	1998 – 2001

### Faculty/Academic Appointments

<b>Professor of Biology</b> University of Redlands	2012 – present
<b>Professor of Brain &amp; Cognitive Sciences and Neurology</b> University of Rochester	2007 – 2012
<b>Professor of Biology</b> Bryn Mawr College	2002 – 2007
<b>Adjunct Professor of Neurology</b>	2002 – 2007

University of Pennsylvania School of Medicine	
<b>Professor of Neurology</b> The Johns Hopkins University, School of Medicine	1996 – 2002
<b>Associate Professor of Neurology</b> The Johns Hopkins University, School of Medicine	1989 – 1995
<b>Professor of Neurology &amp; Cellular and Molecular Medicine</b> The Johns Hopkins University, School of Medicine	1983 – 2002
<b>Assistant Professor of Neurology</b> The Johns Hopkins University, School of Medicine	1983 – 1988

---

## Professional Training

---

<b>Executive Medical Business Graduate Certificate</b> The Johns Hopkins University	1996
<b>Research and Clinical Postdoctoral Fellowships in Neuromuscular Diseases</b> The Johns Hopkins University, Department of Neurology	1980 – 1983
<b>Residency</b> Departments of Medicine and Neurology University of Chicago, Division of Biological Sciences	1977 – 1980
<b>Postgraduate Course</b> National Hospital at Queen Square, London	1976
<b>Teaching Assistantship, Cellular Pathology</b> University of Chicago, Division of Biological Sciences	1974

---

## Fellowships

---

<b>Fellowship</b> American Council on Education (Host Schools: Offices of the President at both Bryn Mawr College and The Johns Hopkins University)	2000 – 2001
<b>Fellowship, Medical Scientist Training Program</b> University of Chicago, Division of Biological Sciences	1970 – 1977

---

## Accomplishments

---

- CEO of a leading western US university with six schools (Arts & Sciences; Music; Education; Business; Theology; Continuing Studies) offering some of the nation's leading professional master's degrees (Geographic Information Systems; Communicative Disorders; Music); one of the "New American Colleges and Universities;" a leading role in resurgence of the School of Music
- Cultivation and stewardship of multi-million dollar major gifts, major donor prospects, and multiple major grants from private foundations and federal agencies (over \$152M toward current comprehensive campaign of \$200M)
- Expertise in mergers & acquisitions
- In New York, leader of a successful three-way corporate/university/state alliance with IBM and New York State to establish a high performance computer system – the Health Sciences Center for Computational Innovation – valued at \$100 Million
- Internationally known researcher in molecular medicine of both motor neurons (amyotrophic lateral sclerosis, or Lou Gehrig's disease) and skeletal muscle
- Expertise in technology transfer, commercialization policy, and implementation
- National leadership in undergraduate higher education reform and college affordability
- 11 years provostial experience on multiple COFHE campuses
- Editorial leadership, #1 international clinical neuroscience journal
- Performing musician and conductor
- Entrepreneurial founder of several community initiatives
- Leadership workshop developer

---

## Corporate and Foundation Board Memberships

---

<b>Director, Board of Directors</b> Three+One Company, Inc. [financial services] Pittsford, NY	2018 – present
<b>Advisory Board Member</b> three+one Advisors Pittsford, NY <a href="http://www.threeplusone.us/">http://www.threeplusone.us/</a>	2014 – present
<b>Director, Board of Directors</b> Mundi Foundation for the Arts, Rochester NY	2018 – present
<b>Director, Board of Directors</b> Tuition Plan Consortium, sponsor of Private College 529 Plan (member, Executive Committee)	2008 – 2014 2018 – present

---

## Symphonic/Choral Conducting

---

<b>Redlands Symphony Orchestra</b> National Anthem, with Angel Blue, November 3, 2018	2018
<b>University of Redlands Symphony and Chorus, Feast of Lights</b> Hallelujah Chorus, Handel's <i>Messiah</i> , December 5, 6, 7, and 8, 2014	2014

---

## Other Scholarship

---

### Scholarships, Research Awards, & Honors

Elected by National Academies of Sciences to membership in Government-University-Industry Research Roundtable	2009 – 2012; re-elected 2012 – 2015
Selected keynote speaker Iota Chapter, Phi Beta Kappa	2009
Soaring Eagle Award	2008
Elected to “Best Doctors”	2005 – 2012
Best Physicians on the Mainline	2003
Honored with dedication of first undergraduate journal of philosophy ( <i>Prometheus</i> ) at The Johns Hopkins University	2003
Distinguished Service Award, University of Chicago	2002
Selected as Faculty Grand Marshall for Commencement at The Johns Hopkins University	2001
11th Annual Kendig Neuroscience Lecturer St. Johns Mercy Medical Center, St. Louis	1998
Elected member, American Neurological Association	1990
Capitol Award for Scientific Achievement, Myasthenia Gravis Foundation of Greater Washington	1989
Andrew W. Mellon Foundation Clinician Scientist Career Development Award	1988 – 1990
First Prize, Associated Electronic Industries Electron Micrograph Competition Manchester, England	1974
Medical Scientist Training Program Fellowship University of Chicago	1970 – 1977
Phi Beta Kappa	1970
Magna cum laude Occidental College	1970
Department Honors Occidental College	1970

*Scholarships, Research Awards, & Honors – cont.*

Haines Scholar Occidental College	1967 – 1970
University of California Regents Scholarship (merit scholarship; declined in order to attend Occidental)	1966

**Board Certifications**

Exam Committee for the United Council for Neurological Specialties Clinical Neuromuscular Pathology (formerly granted by American Academy of Neurology, Qualifications in Neuromuscular [nerve and muscle] Pathology)	1999 – present
American Board of Psychiatry and Neurology, Certificate of Added Qualifications in Clinical Neurophysiology (certificate #627)	1996 – 2006
American Board of Electrodiagnostic Medicine (formerly member by examination, 1984, American Association for Electromyography & Electrodiagnosis)	1989 – present
American Board of Psychiatry and Neurology (certificate #24917)	1983 – present

**Medical Licenses**

State of Maryland (active)	1980 – present
State of Pennsylvania (inactive)	2003 – 2009

**Consultantships**

Consultant, ORC International Intota Expert Advisory Services, Bloomington, MN	2013 – present
Consultant, Drug-induced Muscle Toxicity Advisory Board Novartis Pharmaceuticals Corporation, Hanover, NJ	2011 – 2014
Consultant, drug development toxicology Ardea Biosciences, Inc., San Diego, CA	2010 – 2012
InterConsultant, Best Doctors®, Boston, MA	2005 – present
Primary national consultant on statin drug toxicity Bayer Corporation	2001 – 2009
Scientific Advisory Board Bioracs Corporation	1999 – 2001
Neuromuscular Consultant, Performing Arts Medicine Program Bennett Institute for Sports Medicine & Rehabilitation, Baltimore	1991 – 1994
Medical-legal Consultant, various clients, states of MD, IL, MO, MI, CA, PA, WV, CN, NV, NH, FL, TX, UT	1983 – present

## Honorary Societies

Phi Beta Kappa  
Psi Chi (Psychology)  
Sigma Xi (Scientific Research)

## Scientific Organizations

American Neurological Association	2012 – present, Fellow; 1990 – 2012, Elected Member
International Society of Neuropathology	1991 – 2003
Council of Science Editors	1991 – 2002
Society for Experimental Neuropathology	1988 – 1998, Founding Member
American Academy of Neurology	1987 – present, Fellow
American Society for Neurological Investigation	1983 – 1989, Charter Member
American Association of Electrodiagnostic Medicine (formerly American Association of Electromyography and Electrodiagnosis)	1983 – 2002
New York Academy of Sciences	1972 – 2002
Society for Neuroscience	Founding year, 1971 – 2007

## National Service Organizations, Academic Committees, & Miscellaneous

### HIGHER EDUCATION ORGANIZATIONS

Chair, Review Team, special accreditation visit to Western University of Health Sciences by Western Association of Schools and Colleges	2014
Review Team Member, decennial regional accreditation of Dartmouth College by New England Association of Schools and Colleges	2010
Government-University-Industry Research Roundtable (appointed as member by the National Academies of Sciences)	2009 – 2015
Blavatnik Awards Committee, New York Academy of Sciences	2009
Board of Directors, Tuition Plan Consortium, sponsor of Private College 529 Plan (member Executive Committee)	2008 – 2014 2018 – present
AAU Chief Academic Officers	2007 – 2012
AAU 10-University Provosts Group	2007 – 2012
Review Team Member, decennial regional accreditation of University of Pennsylvania by Middle States Commission on Higher Education, Generalist	2004
American Council on Education, Council of Fellows: Executive Board, and Finance and Development Committees	2003 – 2006; 2003 – 2009
National Advisory Group, NSF Grant: “Supplement of the Conference on Undergraduate Research and Scholarship and the Mission of the Research University” November 13-15, 2002 (Math/Bio Survey)	2003 – 2004

*Higher Education Organizations – cont.*

National Advisory Board, Reinvention Center's Math/Biology Survey and Dissemination Grant to NSF, in collaboration with MAA, AAAS, and ASM	2003
National Executive Board, The Reinvention Center	2001 – 2010
Northeast Deans Association	2002 – 2007
Annapolis Group Deans	2002 – 2007

**NEUROLOGY AND NEUROSCIENCE ORGANIZATIONS**

United Council for Neurological Specialties, member of exam design committee for Clinical Neuromuscular Pathology Board Examination	2009 – 2016
Invited Grant Reviewer: National Science Foundation; The Wellcome Trust; Department of Veterans Affairs; Binational Science Foundation (Israel and USA)	1995; 1996; 1996; 1997 – 1998
Neurology C Ad Hoc B1 Study Section, NINCDS	1986
Myasthenia Gravis Foundation, Medical Advisory Board Member	1990 – 1994
Amyotrophic Lateral Sclerosis Association, Scientific Review Committee	1990
Neurology NSP-A Ad Hoc Study Section, NINDS	1992, 1993
Invited Reviewer, <i>The United States Pharmacopeial Convention, Drug Information</i> [Data Base on Colchicine], 1995 Edition	1995

**EDITORIAL EXPERIENCE**

<b>University of Rochester Press:</b> Oversight of the UR Press; responsibility for its budget	2007 – 2012
<b>Higher education reviewer:</b> <i>MIT Press</i>	2007 – 2008
<b>Professional development:</b> Externship—Arthur K. Asbury, MD, <i>Annals of Neurology</i> Reporter—Fidia Research Foundation International School of Neuroscience	1991; 1991 – 1992
<b>Editorial positions:</b> Associate Editor, <i>Annals of Neurology</i>	1997 – 2002
<b>Books Written:</b> <i>Motor Neuron Disease</i> , Saunders	2002
<b>Society membership:</b> Council of Science Editors	1991 – 2002
<b>Ad hoc peer reviewer, medical research:</b> <i>Neurology; Muscle &amp; Nerve; Journal of Neurology, Neurosurgery, and Psychiatry; JAMA; Medicine; American Journal of Medicine; AIDS; Dysphagia; Journal of Neurochemistry; Journal of Neurological Sciences; Journal of Cellular Physiology; Neuroscience; Brain Research; Annals of Neurology</i>	
<b>Invited editorial reviewer, health care:</b> <i>US Pharmacopeial Convention Drug Information</i> , 1995; <i>Johns Hopkins Handbook of Drugs: Specially Edited and Organized by Disease for People After 50</i> , 1997; <i>The Johns Hopkins Complete Home Encyclopedia</i> , 1998; <i>Johns Hopkins IntelliHealth</i> (a WWW consumer health information site), 1998 and 1999; Editorial Consultant for <i>Johns Hopkins Symptoms and Remedies</i> , 1998 edition	

*Editorial Experience – cont.*

**Invited editorial reviewer, higher education:** *Examining Core Elements of International Research Collaboration: Summary of a Workshop*: by the Government University Industry Research Roundtable, section on Policy and Global Affairs. Co-chairs, John M. Carfora and James J. Casey, Jr, National Academies Press, National Academy of Sciences, 2011 (editorial reviewer for National Academy of Sciences)

**Other University & College Service****AT JOHNS HOPKINS UNIVERSITY:**

Undergraduate Enrollment Management Team, Johns Hopkins University (Founder/chair)	2001 – 2002
Quality Assurance Committee, Johns Hopkins Hospital	1997 – 2001
Neurosciences Performance Improvement Committee, Johns Hopkins Hospital (Chair)	1997 – 01
Clinical Care Committee, Johns Hopkins Neurology Dept.	1993
Incentive Development Plan Committee, Johns Hopkins Neurology Dept.	1993 – 1994
Staff Conference Committee, Johns Hopkins Hospital Medical Staff	1992 – 1993
Minimally Invasive Technologies Group; Johns Hopkins University	1991

**AT BRYN MAWR COLLEGE:**

Task Force on Balancing Mission and Resources, Graduate Schools	2005 – 2007
Task Force on Governance (Ex officio)	2004 – 2005
Undergraduate Curriculum Committee (Ex officio)	2002 – 2007
Committee on Institutional Priorities (Chair)	2002 – 2007
Committee on Academic Priorities (Ex officio)	2002 – 2007
Committee on Appointments (Ex officio)	2002 – 2007
Graduate Council (Ex officio)	2002 – 2007

**AT UNIVERSITY OF ROCHESTER:**

Steering Group on Economic Climate and University Finances (Co-Chair)	2009 – 2012
Deans' Council (Founder and Chair)	2009 – 2012
Sponsored University Research Group (Chair)	2009 – 2012
IT Steering Group (Chair)	2009 – 2012
Provost's Multidisciplinary Award Committee (Chair)	2008 – 2012
University Council on Sustainability (Chair)	2008 – 2012
Technology Transfer Policy Committee (Chair)	2007 – 2012
Data Security Task Force (Chair)	2007 – 2012
Conflict of Interest Committee (Chair)	2007 – 2012



*At University of Rochester – cont.*

Dean's Committee on Academic Practices (Chair)	2007 – 2012
Memorial Art Gallery Board of Managers (Member)	2007 – 2012
University of Rochester Medical Center Board (Member)	2007 – 2012

---

## Teaching

---

### Special Presentations on the Science of Learning

1. Invited Presentation, Consortium on Finance in Higher Education, **April 28, 2003**: "Revisiting the Relevance of Liberal Arts in the Context of Assessment and Pre-Professional Preparation."
2. Invited Plenary Session Speaker and Moderator, Reinvention Center Conference, published as *Integrating Research into Undergraduate Education: The Value Added*, Washington, DC, **November 18-19, 2004**: "Incorporating Principles of Learning into Undergraduate Education."
3. Invited Panelist, national conference of the Reinvention Center, published as *Education, Innovation, and Discovery: The Distinctive Promise of the American Research University*, Washington, DC, **November 13-14, 2008**: plenary session, "General Education at the Research University in the 21<sup>st</sup> Century: Innovative Alternatives to the Four-Year Liberal Arts College Model."
4. Invited Workshop Leader, national conference of the Reinvention Center, published as *Education, Innovation, and Discovery: The Distinctive Promise of the American Research University*, Washington, DC, **November 13, 2008**: breakout session on "Student-Driven Approaches to General Education."
5. Invited Panelist, with the President of Penn State University and the Provost of University of Albany, to the Stony Brook University General Education Panel Envisioning the Strategic Plan, "50 Forward," **October 6, 2010**: "Creative Alternatives to Menu-Based General Education Distribution Requirements: Student-Driven Cluster Systems."
6. University of Rochester *School of Medicine and Dentistry; School of Nursing; and Margaret Warner Graduate School of Education and Human Development (2009, 2010, and 2011) (combined interdisciplinary master's program)*: courses in EDU 580 (Foundations of Health Professions Education); Lecture topics, "How People Learn: New Insights into the Psychology of Learning."
7. University of Rochester *Deans' Teaching Fellowship Program (2009, 2010) (professional development series)*: "How People Learn: New Insights into the Psychology of Learning."
8. Annual Keynote "State of the Faculty Address," University of Rochester, **January 18, 2011**: "The Teaching Enterprise of a Great University."

## Teaching of Leadership & Planning

Leading invited workshops in leadership through “difficult conversations” and “appreciative inquiry” at:	
• Peabody Institute of Music, Johns Hopkins University	2018
• School of Medicine, Johns Hopkins University	2019
Collaborative, national, interactive workshop on leadership, held in cooperation with the American Council on Education, Rochester Institute of Technology, and Syracuse University; was co-developed with Provost Jeremy Haefner and launched at University of Rochester; entitled <i>Leading Your Department Into the Future: A Leadership Program for Chairs, Heads, and Directors</i>	2010
Creation and leadership of annual “New Leaders Program” for year-long training new department chairs, center directors, and deans at the University of Rochester	2007 – 2012
Professional development and leadership training for faculty chairs at:	
• Bryn Mawr	2006 – 2007
• University of Rochester	2007 – 2012
Professional development training in executive search, on a national basis through Academic Impressions Conferences	2005
Peer teaching of faculty, staff, and trustees in strategic planning, through facilitation of the Commission on Undergraduate Education at The Johns Hopkins University	2001 – 2002

## Undergraduate, Graduate, & Medical School Courses Taught

### UNIVERSITY OF REDLANDS

<b>Johnston Center for Integrative Studies</b> Graduation Review Committee for Jakub Kukla	2014
<b>School of Music</b> In Advanced Choral Conducting, MUS 636, guest lecture on: “Cognitive Neuroscience of Singing and Auditory Perception Relevant to Choral Conducting”	2014
<b>Communicative Disorders Programs</b> Brown Bag Series, Communicative Disorders Masters and Undergraduate Programs, September 11, 2013: “Update on Amyotrophic Lateral Sclerosis for Speech and Swallowing Experts”	2013
<b>School of Education</b> In Higher Education in the United States, Education 607, guest lecture entitled: “Academic and Financial Leadership of the Modern University,” November 5, 2012, and annually to present	2012 – present (annually)

*Undergraduate, Graduate, & Medical School Courses Taught – cont.*

**College of Arts and Sciences** 2018  
Principles of Management and Organizational Behavior, BUS 300, guest lectures on: “Leadership as a College/University President,” February 15, 2018.

2018  
Immunology, BIO 345, guest lecture on: “Autoimmune Disorders, Including Especially Myasthenia Gravis.”

**UNIVERSITY OF ROCHESTER**

**University Human Resources Department** 2010, 2011  
“Shared Governance, Following the Money in a Decentralized University, and Guiding Principles for University Leadership” (several times per year)

**School of Medicine & Dentistry; School of Nursing; and Margaret Warner Graduate School of Education & Human Development** 2009 – 2011  
(combined interdisciplinary master’s program):  
In Foundations of Health Professions Education, EDU 580, various lecture topics: “How People Learn: New Insights into the Psychology of Learning”

**Deans’ Teaching Fellowship Program** 2009 – 2010  
“How People Learn: New Insights into the Psychology of Learning”

**College of Arts & Sciences** 2009 – 2010  
Take Five Program: Independent Study 391: “Exploring Biomarkers of Bi-Polar Disorder”

**Margaret Warner Graduate School of Education & Human Development** 2008 – 2011  
In Overview of Higher Education, EDU 436: “How Universities Work”

**William E. Simon Graduate School of Business Administration** 2007 – 2011  
In Marketing 442, “Improving the Simon School and the University of Rochester; lectures on academic and financial leadership”

**BRYN MAWR COLLEGE AND HAVERFORD COLLEGE**

**Department of Biology** 2002 – 2005  
Neural and Behavioral Sciences Senior Seminars

**Praxis Program** (independent research) 2006  
“Institutional Research on Correlates of Undergraduate Retention”

**THE JOHNS HOPKINS UNIVERSITY**

**School of Medicine – First Year Curriculum**  
“Medical Student Journal Club – Neuroscience” 1997 – 1999

**Department of Pathology** 1990, 1991, 1993  
“Introduction to Pathology” (Neurology/Neuropathology sections) –1995

“Nerve and Muscle Pathology Conference” (biweekly) 1994 – 2000

*Undergraduate, Graduate, & Medical School Courses Taught – cont.***Department of Medicine**

"Introduction to Medicine: Clinical Skills"	1982 – 1999
---	-------------

**Department of Neurology**

"Neurology Clerkship" (annually, 1 month per year)	1983 – 1999
--	-------------

"Research in Neuroscience"	1986 – 1987, 1989 – 1991, 1999 – 2000
----------------------------	---

---

**Teaching Awards & Honors**


---

"Old Fart" Award (Neurology resident teaching award)	1994
Frank R. Ford Award, for outstanding teacher in the Department of Neurology	1991
11th Annual John H. Kendig Neuroscience Lecturer, St. Johns Mercy Medical Center, St. Louis	1988
"Old Fart" Award (Neurology resident teaching award)	1988
Teacher Investigator Development Award, NIH-NINCDS	1983 – 1988

---

**Students Trained & Colleagues Mentored**


---

For undergraduates, professional postgraduate trainees, postdoctoral fellows, residents, and faculty, see Appendix B.
---

## BIBLIOGRAPHY

(Publications by category; chronological number at left)

---

### Current Manuscripts Submitted or in-Preparation for Peer-reviewed Journals

---

145. **Kuncl RW**, Fayez H, Wiggins WW, Lewis L, Lehar M: Mitochondrial pathophysiology of human zidovudine myopathy and its animal model. (In preparation, 2018).
147. **Kuncl RW**: Thymectomy in pemphigus foliaceus: a 29-year observation. (Submitted, 2018).
164. Freedman DM, **Kuncl RW**, Cahoon E, Rivera DR, Pfeiffer RM: Logistic regression analysis of 950 prescription medications to assess the risk reduction of amyotrophic lateral sclerosis using the SEER Medicare database. (In preparation, 2018).

---

### Peer-Reviewed and Invited Publications (Completed)

---

#### Higher Education

138. **Kuncl RW**: Federal underinvestment in education research. *Academe* 90(4):44-50, 2004.
140. **Kuncl RW**: Incorporating principles of learning into undergraduate education. Proceedings of the 2nd Reinvention Center Conference, "Integrating Research into Undergraduate Education: The Value Added," Washington DC, November 18-19, 2004; Reinvention Center, pp. 35-37, 2005.
150. Green WS, Schudson M, Gillmore GM, **Kuncl RW**, Thompson RJ, Burger P: General Education at the Research University in the 21st Century: Innovative Alternatives to the Four-Year Liberal Arts College Model (Plenary Session, from the National meeting of the Reinvention Center, "Education, Innovation and Discovery: The Distinctive Promise of the American Research University," November 13-14, 2008). Conference proceedings: pp 14-20.  
<http://www.reinventioncenter.miami.edu/conference2008/schudsongillmore/summary.htm>
152. **Kuncl RW**, Burger P, Feldman R: "Student-Driven Approaches to General Education" (Breakout Session, from the National meeting of the Reinvention Center, *Education, Innovation and Discovery: The Distinctive Promise of the American Research University*, November 13-14, 2008). Conference proceedings: pp 36-38, and  
<http://www.reinventioncenter.miami.edu/conference2008/kunclburger/summary.htm>
155. **Kuncl RW**: A model of its kind (foreword). In, Thompson BJ, *The University of Rochester Press: A Brief History of the First Twenty Years*. University of Rochester Press, Rochester, NY, pp ix-xii, 2009.
156. **Kuncl RW**: Mendelssohn, the Organ, and the Music of the Past (foreword). In, Thym, Jürgen, *The Organ in Mendelssohn's World, Mendelssohn and Counterpoint, and the Long Shadow of Bach*. University of Rochester Press, Rochester, NY, 2014. (Special edition on the occasion of an international conference on Felix Mendelssohn and the Contrapuntal Tradition, Christ Church and the University of Rochester Eastman School of Music, October 29, 2009).

*Higher Education – cont.*

146. Gnolek SL, Falciano VT, **Kuncel RW**: Modeling Change and Variation in *U.S. News & World Report* College Rankings: What would it really take to be in the Top 20? *Research in Higher Education* 55:761-779, 2014. [Digital Object Identifier (DOI) 10.1007/s11162-014-9336-9]. [Cited in: journal articles in *Higher Education*; news media including *Inside Higher Ed*, *US News*, *Slate*, *Education Dive*, *Washington Post*, *Democrat and Chronicle*; *Wikipedia*; course syllabi at University of Massachusetts Amherst, McMaster University; and on the website of the Office of Planning & Analysis of University of California at Berkeley.]

## Skeletal Muscle and Muscle Disease (Toxicology, Pharmacology, Biochemistry, and Clinical Aspects)

2. **Kuncel RW**, and Meltzer HY: Pathologic effect of phencyclidine and restraint on rat skeletal muscle structure: prevention by prior denervation. *Exp Neurol* 45:387-402, 1974.
4. Meltzer HY, **Kuncel RW**, Click J, and Yang V: Incidence of Z-band streaming and myofibrillar disruption in skeletal muscle from healthy young people. *Neurology* 26:853-857, 1976.
6. **Kuncel RW**, and Meltzer HY: Role of the adrenal in an experimental myopathy. *Exp Neurol* 57:320-330, 1977.
7. **Kuncel RW**, and Meltzer HY: Lesions of the myofibril in myopathic and normal tissue from seven striated muscles; Experimental myopathy of phencyclidine and restraint. *Acta Neuropathologica* 45:83-95, 1979. (Selected for review in the 25th Rheumatism Review of the American Rheumatism Association, *Arthritis and Rheumatism* 26:342, 1983.)
8. **Kuncel RW**, and Meltzer HY: Beta adrenergic-mediated myofibrillar disruption and enzyme efflux in an experimental myopathy related to isometric muscle activity. *Exp Molec Pathol* 31:113-123, 1979.
9. Ross-Canada J, Chizzonite RA, **Kuncel RW**, and Meltzer HY: Retention of sarcoplasmic calcium inhibits development of the phencyclidine-restraint experimental myopathy. *Exp Neurol* 79:1-10, 1983 (and 88:773, 1985).
10. **Kuncel RW**, Drachman DB, and Kishimoto Y: Phospholipid methylation in skeletal muscle membranes. *Muscle & Nerve* 8:426-434, 1985.
12. Arora RC, **Kuncel RW**, Morgan JC, Cohen L, and Meltzer HY: Serotonin uptake in blood platelets of Duchenne muscular dystrophy patients. *Muscle & Nerve* 10:359-362, 1987.
14. **Kuncel RW**, Duncan G, Watson D, Alderson K, Rogawski M, and Peper, MJ: Colchicine myopathy and neuropathy. *N Engl J Med* 316:1562-1568, 1987. (Selected for review and editorial in *Lancet* and *British Medical Journal*.)
15. DeSilva SD, Drachman DB, Mellits D, and **Kuncel RW**: Prednisone treatment in Duchenne muscular dystrophy: Long-term benefit. *Arch Neurol* 44:818-822, 1987.
16. **Kuncel RW**, Duncan G, Watson D, Alderson K, Rogawski MA, Peper M: Colchicine neuropathy or Vitamin B deficiency neuropathy? *N Engl J Med* 317:1290-91, 1987.

*Skeletal Muscle and Muscle Disease (Toxicology, Pharmacology, Biochemistry, and Clinical Aspects) – cont.*

17. **Kuncel RW**, and Duncan G: Chronic human colchicine myopathy and neuropathy. *Arch Neurol* 45:245-246, 1988.
28. **Kuncel RW**, Cornblath DR, Avila O, and Duncan G: Electrodiagnosis of human colchicine myoneuropathy. *Muscle & Nerve* 12:360-364, 1989.
31. **Kuncel RW**, Pestronk A, Lane J, Alexander E: The MRL +/- Mouse: A new model of tubular aggregates which are gender- and age-related. *Acta Neuropathologica* 78:615-620, 1989.
33. DeSilva SD, **Kuncel RW**, Griffin JW, Cornblath DR, Chavoustie S: Paramyotonia congenita or hyperkalemic periodic paralysis? Clinical and electrophysiologic features of each entity in one family. *Muscle & Nerve* 13:21-26, 1990.
39. Wallace SL, Singer JZ, Duncan GJ, Wigley FM, and **Kuncel RW**: Renal function predicts colchicine toxicity: guidelines for the prophylactic use of colchicine in gout. *J Rheumatol* 18:264-269, 1991. (Selected for review and republication in *Orthopedics/Rheumatology Clinical Digest Series*, 1991; for news report in *International Medical News*, 1991; for reprinting of abstract in *The International Monitor in Rheumatology*, June, 1991; and for publication of Japanese summary in *Gateway to Medicine*, 1992.)
40. **Kuncel RW**: Impaired renal function and colchicine toxicity. *J Rheumatol* 18:1942-43, 1991.
41. Wallace SL, Singer JZ, Duncan GJ, Wigley FM, **Kuncel RW**: Renal function predicts colchicine toxicity: guidelines for prophylactic use of colchicine in gout. *Ortho/Rheum Digest* 3:4-6, 1991.
47. Ashe J, Borel CO, Hart G, Humphrey RL, Derrick DA, **Kuncel RW**: Amyloid myopathy presenting with respiratory failure. *J Neurol Neurosurg Psych* 55:162-165, 1992.
54. Threlkeld AB, Miller NR, Golnik K, Griffin JW, **Kuncel RW**, Johns D, Lehar M, Hurko O: Ophthalmologic involvement in the myo-neuro-gastrointestinal encephalomyopathy (MNGIE) syndrome. *Amer J Ophthalmol* 114:322-328, 1992.
58. McClatchey AI, McKenna-Yasek D, Cros D, Worthen HG, **Kuncel RW** De Silva SM, Cornblath DR, Gusella JF, Brown RH: Novel mutations in families with unusual and variable disorders of the skeletal muscle sodium channel. *Nature Genetics* 2:148-152, 1992.
78. **Kuncel RW**: "Myopathy" in congenital amaurosis. *Neurology* 44:190-191, 1994 (letter).
90. Kelly JH, **Kuncel RW**: Myology of the pharyngoesophageal segment: gross anatomic and histologic characteristics. *Laryngoscope* 106:713-720, 1996.
93. Mei L, Kachinsky AM, Seiden JE, **Kuncel RW**, Miller JB, Haganir RL: Differential expression of PTP1D, a protein tyrosine phosphatase with two SH2 domains, in slow and fast muscle fibers. *Exp Cell Res* 224:379-390, 1996.

*Skeletal Muscle and Muscle Disease (Toxicology, Pharmacology, Biochemistry, and Clinical Aspects) – cont.*

101. Duggan DJ, Gorospe JR, Fanin M, Hoffman EP, Angelini C, Pegoraro, Noguchi S, Ozawa E, Pendlebury W, Waclawik AJ, Duenas DA, Hausmanowa-Petrusewicz I, Bean SC, Haller JS, Bodensteiner J, Greco CM, Pestronk A, Berardinelli A, Gelinas DF, Abram H, **Kuncl RW**: Mutations in the sarcoglycan genes in patients with myopathy. *N Engl J Med* 336:618-624, 1997.
112. Weinberg J, Curl LA, **Kuncl RW**, McFarland EG: Occult presentation of myotonia congenita in a 15-year-old athlete. *Am J Sports Med* 27:529-531, 1999.
121. Hull KM, Griffith L, **Kuncl RW**, Wigley FM: A deceptive case of amyloid myopathy: clinical and MRI features. *Arth Rheum* 44:1954-8, 2001.
129. Umapathi T, Chaudhry V, Cornblath D, Drachman D, Griffin J, **Kuncl RW**: Head drop and camptocormia: the spectrum of bent-spine disorders. *J Neurol Neurosurg Psych* 73:1-7, 2002.
136. **Kuncl RW**, Bilak MM, Craig SW, Adams R: Exocytotic “constipation” is a mechanism of tubulin/lysosomal interaction in colchicine myopathy. *Exp Cell Res* 285:196-207, 2003 [chosen for “Highlights” section and for cover photo].
149. Kuncl RW: Agents and mechanisms of toxic myopathies. *Current Opinion in Neurology*, 22:506-515, 2009.
154. Greenberg SA, Salajegheh M, Judge DP, Feldman MW, **Kuncl RW**, Waldon Z, Steen H, Wagner KR: Etiology of limb girdle muscular dystrophy 1D/1E determined by laser capture microdissection proteomics. *Ann Neurol* 71:141-145, 2012.

**Motor Neuron Diseases (Pathophysiologic Mechanisms, Experimental Drug Development, Diagnosis & Management)**

13. Cornblath DR, **Kuncl RW**, Rechthand E, Watson D, Yee WC, Baden E, and DiPietro C: The value of rectus abdominal muscle electromyography. *Muscle & Nerve* 10:376, 1987.
18. **Kuncl RW**, Cornblath DR, and Griffin JW: Assessment of thoracic paraspinal muscles in the diagnosis of ALS. *Muscle & Nerve* 11:484-492, 1988.
26. Pestronk A, Adams RN, Clawson L, Cornblath D, **Kuncl RW**, Griffin D, and Drachman DB: Serum antibodies to GM1 ganglioside in amyotrophic lateral sclerosis. *Neurology* 38:1457-61, 1988.
27. Pestronk A, Adams RN, Cornblath DR, **Kuncl RW**, Drachman DB, Clawson L: Patterns of serum IgM antibodies to GM1 and GD1a gangliosides in ALS. *Ann Neurol* 25:98-102, 1989.
29. Pestronk A, Adams RN, **Kuncl RW**, Drachman DB, Clawson LL, Cornblath D: Differential effects of prednisone and cyclophosphamide on autoantibodies in human neuromuscular disorders. *Neurology* 39:628-633, 1989.
30. Drachman DB, **Kuncl RW**: ALS: An unconventional autoimmune disease? *Ann Neurol* 26:269-274, 1989.



*Motor Neuron Diseases (Pathophysiologic Mechanisms, Experimental Drug Development, Diagnosis & Management) – cont.*

34. Pestronk A, Chaudhry V, Feldman EL, Griffin JW, Cornblath DR, Denys EH, Glasberg M, **Kuncel RW**, Olney RK, Yee WC: Lower motor neuron syndromes defined by patterns of weakness, nerve conduction abnormalities, and high titers of antiglycolipid antibodies. *Ann Neurol* 27:316-326, 1990.
37. Rothstein JD, Tsai G, **Kuncel RW**, Clawson LL, Cornblath DR, Drachman DB, Pestronk A, Stauch BL, Coyle JT: Abnormal excitatory amino acid metabolism in amyotrophic lateral sclerosis. *Ann Neurol* 28:18-25, 1990.
43. Tsai G, Stauch-Slusher B, Sim L, Hedreen JC, Rothstein JD, **Kuncel R**, Coyle JT: Reductions in acidic amino acids and *N*-acetylaspartylglutamate in amyotrophic lateral sclerosis CNS. *Brain Res* 556:151-156, 1991.
45. Rothstein JD, **Kuncel RW**, Chaudhry V, Clawson L, Cornblath DR, Coyle JT, Drachman DB: Excitatory amino acids in ALS: an update. *Ann Neurol* 30:224-225, 1991.
49. Rothstein JD, **Kuncel RW**: Cerebrospinal fluid amino acids in amyotrophic lateral sclerosis. *Ann Neurol* 31:449-450, 1992.
50. Cornblath DR, **Kuncel RW**, Mellits ED, Quaskey SA, Clawson LL, Pestronk A, Drachman DB: Nerve conduction studies in amyotrophic lateral sclerosis. *Muscle & Nerve* 15:1111-15, 1992.
52. Rothstein JD, Martin LJ, **Kuncel RW**: Decreased glutamate transport by the brain and spinal cord in amyotrophic lateral sclerosis. *N Engl J Med* 326:1464-68, 1992. (Top 5 papers, ISI Citation Index, March-April 1994)
64. Rothstein JD, Jin L, Dykes-Hoberg M, **Kuncel RW**: Chronic inhibition of glutamate uptake produces a model of slow neurotoxicity. *Proc Natl Acad Sci USA* 90:6591-95, 1993.
76. Drachman DB, Chaudhry V, Cornblath DR, **Kuncel RW**, Pestronk A, Clawson L, Mellits ED, Quaskey S, Quinn T, Calkins A, Order S: Trial of immunosuppression in amyotrophic lateral sclerosis using total lymphoid irradiation. *Ann Neurol* 35:142-150, 1994.
79. Rothstein JD, Bristol LA, Hosler B, Brown RH, **Kuncel RW**: Chronic inhibition of superoxide dismutase produces apoptotic death of spinal neurons. *Proc Natl Acad Sci USA* 91:4155-59, 1994.
83. Rothstein JD, Martin L, Levey AI, Dykes-Hoberg M, Jin L, Wu D, Nash N, **Kuncel RW**: Localization of neuronal and glial glutamate transporters. *Neuron* 13:713-725, 1994.
84. Boylan KB, Cornblath DR, Glass JD, Alderson K, **Kuncel RW**, Kleyn PW, Gilliam TC: Autosomal dominant distal spinal muscular atrophy in four generations. *Neurology* 45:699-704, 1995.
86. Rothstein JD, **Kuncel RW**: Neuroprotective strategies in a model of chronic glutamate-mediated motor neuron toxicity. *J Neurochem* 65:643-651, 1995.
89. Rothstein JD, VanKammen M, Levey AI, Martin L, **Kuncel RW**: Selective loss of glial glutamate transporter GLT-1 in amyotrophic lateral sclerosis. *Ann Neurol* 38:73-84, 1995.

*Motor Neuron Diseases (Pathophysiologic Mechanisms, Experimental Drug Development, Diagnosis & Management) – cont.*

92. Rothstein JR, Dykes-Hoberg M, Pardo CA, Bristol LA, Jin L, **Kuncel RW**, Kanai Y, Hediger MA, Wang Y, Schielke J, Welty DF: Knockout of glutamate transporters reveals a major role for astroglial transport in excitotoxicity and clearance of glutamate. *Neuron* 16:675-686, 1996.
111. Corse AM, Bilak MM, Bilak SR, Lehar M, Rothstein JD, **Kuncel RW**: Preclinical testing of neuroprotective neurotrophic factors in a model of chronic motor neuron degeneration. *Neurobiology of Disease* 6:335-346, 1999 (see accompanying editorial: Elliott JL: Experimental models of amyotrophic lateral sclerosis. *Neurobiology of Disease* 6:310-320, 1999).
114. Bilak MM, Corse AM, Bilak SR, Lehar M, Tombran-Tink J, **Kuncel RW**: Pigment epithelium-derived factor protects motor neurons from chronic glutamate-mediated neurodegeneration. *J Neuropathol Exp Neurol* 58:719- 728, 1999.
115. Bilak MM, Shifrin DA, Corse AM, Bilak SR, **Kuncel RW**: Neuroprotective utility and neurotrophic action of neurturin in postnatal motor neurons: comparison with GDNF and persephin. *Molec Cell Neurosci* 13:326-336, 1999.
120. Bilak MM, Corse AM, **Kuncel RW**: Additivity and potentiation of IGF-I and GDNF in the complete rescue of postnatal motor neurons. *ALS and Other Motor Neuron Diseases* 2:83-91, 2001.
122. Bilak MM, **Kuncel RW**: Delayed application of IGF-I and GDNF can rescue already injured postnatal motor neurons. *Neuroreport* 12:2531-35, 2001.
130. Kuncel RW, Bilak MM, Bilak SR, Corse AM, Royal W, Becerra SP: Pigment epithelium-derived factor is elevated in CSF of patients with amyotrophic lateral sclerosis. *J Neurochem* 81:178-184, 2002.
135. Bilak MM, Becerra SP, Vincent AM, Moss BH, Aymerich MS, **Kuncel RW**: Identification of the neuroprotective molecular region of PEDF and its binding sites on motor neurons. *J Neurosci* 22:9378-86, 2002.
142. Freedman DM, Travis LB, Gridley G, **Kuncel RW**: Amyotrophic lateral sclerosis mortality in 1.9 million US cancer survivors. *Neuroepidemiology* 25:176-180, 2005.
143. Freedman DM, **Kuncel RW**, Weinstein SJ, Malila N, Virtamo J, Albanes D: Vitamin E serum levels and controlled supplementation and risk of amyotrophic lateral sclerosis. *Amyotroph Lateral Scler Frontotemporal Degener* 14:246-51, 2013. (Also Epub ahead of print, Pubmed #23286756.)
144. Spruill MM, **Kuncel RW**: Calbindin-D28K is increased in the ventral horn of spinal cord by neuroprotective factors for motor neurons. *J Neurosci Res* 93:1184-91, 2015.
158. Freedman DM, Curtis RE, Daugherty SE, Goedert JJ, **Kuncel RW**, Tucker MA: The association between cancer and amyotrophic lateral sclerosis. *Cancer Causes and Control* 24:55-60, 2013.
159. Freedman DM and **Kuncel RW**, Weinstein SJ, Albanes D: Comment on “Intakes of Vitamin C and Carotenoids and Risk of Amyotrophic Lateral Sclerosis: Pooled Results from 5 Cohort Studies.” *Ann Neurol* 74:307-8, 2013.

*Motor Neuron Diseases (Pathophysiologic Mechanisms, Experimental Drug Development, Diagnosis & Management) – cont.*

160. Freedman DM, Wu J, Daugherty SE, **Kuncel RW**, Enewold LR, and Pfeiffer RM: The risk of amyotrophic lateral sclerosis after cancer in U.S. elderly adults: a population-based prospective study. *Int J Cancer* 135:1745-50, 2014.
163. Freedman DM, Kuncel RW, Cahoon E, Rivera DR, Pfeiffer RM: Relationship of statins and other cholesterol-lowering medications and risk of amyotrophic lateral sclerosis in the US elderly. (In press, *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, 19:538-546, 2018; DOI 10.1080/21678421.2018.1511731)

## Myasthenia Gravis

11. **Kuncel RW**, Pestronk A, Drachman DB, and Rechthand E: Pathophysiology of penicillamine-induced myasthenia gravis. *Ann Neurol* 20: 740-744, 1986.
20. **Kuncel RW**, Drachman DB, and Adams RN: Inhibition of methyltransferase reduces the turnover of acetylcholine receptors. *Proc Natl Acad Sci USA* 85:4032-4036, 1988.
32. McIntosh KR, Drachman DB, **Kuncel RW**: Antigen-specific suppressor macrophages induced by culture with cyclosporine A plus acetylcholine receptor. *J Neuroimmunol* 25:75-89, 1989.
60. **Kuncel RW**, Drachman DB, Adams R, Lehar M: 3-Deazaadenosine: A therapeutic strategy for myasthenia gravis by decreasing the endocytosis of acetylcholine receptors. *J Pharmacol Exp Ther* 267:582-589, 1993.
61. **Kuncel RW**, Wittstein I, Adams RN, Wiggins WW, Avila O, Pestronk A, McIntosh K, Lucas D, DeSilva S, Lehar M, Drachman DB: A novel therapy for myasthenia gravis by reducing the endocytosis of acetylcholine receptors. *Ann NY Acad Sci* 681:298-301, 1993.
97. Gomez CM, Masselli R, Gammack J, Lasalde J, Tamamizu S, Cornblath DR, Lehar M, McNamee M, **Kuncel RW**: A $\beta$ -subunit mutation in the acetylcholine receptor channel gate causes severe slow channel syndrome. *Ann Neurol* 39:712-723, 1996.

## Neuropathy

42. Chaudhry V, Cornblath DR, Avila O, Friemer ML, Glass JG, Reim J, Ronnette G, Quaskey SA, Mellits ED, **Kuncel RW**: Inter- and intra-examiner reliability of nerve conduction measurements. *Ann Neurol* 30:841-843, 1991.
48. Freimer ML, Glass JD, Chaudhry V, Cornblath DR, Griffin JW, **Kuncel RW**: Chronic inflammatory demyelinating polyneuropathy associated with eosinophilia-myalgia syndrome. *J Neurol Neurosurg Psych* 55:352-58, 1992.
62. Chaudhry V, Corse AM, Cornblath DR, **Kuncel RW**, Drachman DB, Freimer ML, Miller RG, Griffin JW: Multifocal motor neuropathy: response to human immune globulin. *Ann Neurol* 33:237-242, 1993.
71. Chaudhry V, Cornblath DR, Griffin JW, Corse AM, **Kuncel RW**, Drachman DB: Multifocal motor neuropathy or CIDP? *Ann Neurol* 34:750-51, 1993 (letter).

*Neuropathy – cont.*

75. Chaudhry V, Corse AM, Cornblath DR, **Kuncl RW**, Freimer ML, Griffin JW: Multifocal motor neuropathy: electrodiagnostic features. *Muscle & Nerve* 17:198-205, 1994.
77. Watson DF, Nachtman FN, **Kuncl RW**, Griffin JW: Altered neurofilament phosphorylation and beta tubulin isotypes in Charcot-Marie-Tooth Disease, type 1. *Neurology* 44: 2383-87, 1994.
80. Chaudhry V, Corse AM, Freimer ML, Glass JD, Mellits ED, **Kuncl RW**, Quaskey SA, Cornblath DR: *Inter- and intraexaminer* reliability of nerve conduction measurements in patients with diabetic neuropathy. *Neurology* 44:1159-1462, 1994.
87. Chaudhry V, Corse AM, Freimer ML, Glass JD, Mellits ED, **Kuncl RW**, Quaskey SA, Cornblath DR: Nerve conduction studies in diabetic neuropathy. *Neurology* 45:849-50, 1995 (letter).
91. Corse AM, Chaudhry V, Crawford TO, Cornblath DR, **Kuncl RW**, Griffin JW: Sensory nerve pathology in multifocal motor neuropathy. *Ann Neurol* 39:319-325, 1996.
98. Corse AM, Chaudhry V, **Kuncl RW**, Cornblath DR, Crawford T, Griffin JW: Reply, Biopsy findings link multifocal motor neuropathy to chronic inflammatory demyelinating polyneuropathy. *Ann Neurol* 40:949-950, 1996 (letter).
104. Fadic R, Russell JA, Vedanarayanan VV, Lehar M, **Kuncl RW**, Johns DR: Sensory ataxic neuropathy as the presenting feature of a novel mitochondrial disease. *Neurology* 49:239-245, 1997.

## HIV-Aids

38. McArthur JS, Griffin JW, Cornblath DR, Griffin DE, Tesoriero T, **Kuncl RW**, Gibbs CJ, Farzadegan H, Johnson RT: Steroid-responsive myeloneuropathy in a man dually infected with HIV-1 and HTLV-1. *Neurology* 40:938- 944, 1990.
57. Flexner CW, Hildreth J, **Kuncl RW**, Drachman DB: 3-Deazaadenosine inhibits HIV infection. *Lancet* 339:438, 1992.

## Other

19. **Kuncl RW**, Richter W: Prevalence and ultrastructure of sarcocystis in rhesus monkeys. *Japanese J Vet Sci* 50:519- 527, 1988.
59. Baloh RW, DeRossett SE, Cloughesy TF, **Kuncl RW**, Miller NR, Merrill J, Posner JB: Novel brainstem syndrome associated with prostate carcinoma. *Neurology* 43:2591-96, 1993.
67. Cho PW, Levin HR, Curtis WE, Tsitlik JE, DiNatale JM, Kass DA, Gardner TJ, **Kuncl RW**, Acker MA: Pressure volume analysis of changes in cardiac function in chronic cardiomyoplasty. *Ann Thor Surg* 56:38-45, 1993.
72. Torres JA, Sponseller P, Kim TS, **Kuncl RW**, Crawford T: Radiographic and histological characterization of Tc/tw mice: an animal model of lumbosacral agenesis/myelomeningocele. *Dev Med Child Neurol* 36:698-706, 1994.

*Other – cont.*

148. Wilson RK, **Kuncel RW**, Corse AM: Wernicke's encephalopathy: beyond alcoholism. *Nature Clinical Practice Neurology* 2:54-59, 2006 (article highlighted for CME test credit).
161. Freedman DM, Wu J, Chen H, Engels EA, Enewold LR, Freedman ND, Goedert JJ, **Kuncel RW**, Gail MH, and Pfeiffer RM: Associations between cancer and Parkinson's disease in U.S. elderly adults. *Intl J Epidemiology* 45: 741-751, 2016 (PMID 26989123).
162. Freedman DM, Wu J, Chen H, **Kuncel RW**, Enewold LR, Engels EA, Freedman ND, Pfeiffer RM: Associations between cancer and Alzheimer's disease in a U.S. Medicare population: case-control and cohort studies. *Cancer Medicine* 5: 2965-2976, 2016 (PMID 27628596).

**Patents**

36. **Kuncel RW** and Drachman DB: "Method of Treating Myasthenia Gravis and Related Diseases." US Patent Office, Patent #4,918,060, April 17, 1990.

**Books**

124. **Kuncel RW**: *Motor Neuron Disease*. Saunders (Major Problems in Neurology Series), London, 2002.

---

**Publications from Multicenter Trials**

---

96. **ALS CNTF Treatment Study [ACTS] Group**: A double-blind placebo-controlled clinical trial of subcutaneous recombinant human neurotrophic factor (rHCNTF) in amyotrophic lateral sclerosis. *Neurology* 46:1244-49, 1996. (Principal Investigator, local center.)

---

**Musical Recordings and Broadcasts**

---

68. **Baltimore Choral Arts Society**: Sergei Rachmaninoff *All-Night Vigil, op. 37*. WJHU Public Radio and Baltimore Choral Arts Society, producers, 1993 (compact disc and cassette tape).
69. **Baltimore Choral Arts Society**: *Christmas with Choral Arts*. Tom Hall, Christopher Czeh, Judith Schonbach, producers; published by WJHU Public Radio and Baltimore Choral Arts Society, 1993 (compact disc).
99. **Baltimore Choral Arts Society**: *Christmas at the Basilica*. Tom Hall, producer; T Rowe Price, sponsor; WMAR TV, 1996.
106. **Baltimore Choral Arts Society**: *Christmas at the Basilica*. Tom Hall, producer; T Rowe Price, sponsor; WMAR TV, 1997.
107. **Baltimore Choral Arts Society**: *Christmas at the Basilica*. Tom Hall, producer; T Rowe Price, sponsor; WMAR TV, 1998.

*Musical Recordings and Broadcasts – cont.*

116. **Baltimore Choral Arts Society:** *Christmas at the Basilica*. Tom Hall, producer; WMAR TV, 1999.
119. **Baltimore Choral Arts Society:** *Christmas at the Basilica*. Tom Hall, producer; WMAR TV, 2001.
123. **Baltimore Choral Arts Society:** *A Season of Celebration*. Tom Hall, producer, 2001 (compact disc).
137. **Baltimore Choral Arts Society:** *Gates of Justice, by Dave Brubeck*. Tom Hall and Dave Brubeck, producers. Published by Naxos and the Milken Foundation Archive of Jewish American Music, January 20, 2004 (compact disc, Naxos ID # 8.559414).
139. **Baltimore Choral Arts Society:** *Christmas at the Cathedral of Mary Our Queen*. Tom Hall, producer; T Rowe Price, sponsor, WMAR TV, 2004.
- 139a. **Baltimore Choral Arts Society:** *Christmas with Choral Arts*. Tom Hall, producer; WMAR TV, 2006 (Nominated for an Emmy).
151. **Eastman Rochester Chorus:** *Bruckner Mass in E Minor and Bruckner Motets*, with Eastman Wind Ensemble, William Weinert, producer and conductor, 2007.
153. **Eastman Rochester Chorus:** *Elijah*. William Weinert, producer and conductor, 2008.

---

**Book Chapters, Review Articles, Audio-visual Publications**


---

21. Drachman DB, McIntosh KR, DeSilva S, **Kuncl RW**, and Kahn C: Strategies for the treatment of myasthenia gravis. *Ann NY Acad Sci* 540:176-186, 1988.
22. **Kuncl RW:** Colchicine myopathy. *Johns Hopkins Grand Rounds* 14: Program 4, 1988.
23. **Kuncl RW**, Wiggins WW: Toxic myopathies. *Neurol Clin* 6:593-619, 1988.
24. Drachman DB, McIntosh KR, deSilva S, **Kuncl RW**, Kahn C: Myasthenia gravis: therapeutic strategies. In, *Neuroimmunological Diseases: Recent Advances in Pathogenesis and Treatment*, Igata A, ed. Univ Tokyo Press, Tokyo, pp. 205-219, 1988.
25. **Kuncl RW:** Colchicine myopathy. *Cont Med Educ Orth Surg* 20(2): Program 1, 1988.
35. **Kuncl RW**, Clawson LL: Amyotrophic lateral sclerosis. In, *Current Therapy in Neurological Disease*, Third Edition. Johnson RT, ed. BC Decker, Inc., Philadelphia, pp. 291-300, 1990.
44. **Kuncl RW**, Crawford TO, Rothstein JD, Drachman DB: Motor neuron diseases. In, *Diseases of the Nervous System*, 2nd edition. Asbury AK, McKhann GM, McDonald WI, eds. W. B. Saunders Co., Philadelphia, pp. 1179- 1208, 1991.
46. **Kuncl RW**, Clawson LL: Amyotrophic lateral sclerosis. In, *Current Therapy in Internal Medicine*, Third Edition. Kassirer JP, ed. BC Decker, Inc., Philadelphia, pp. 1695-1704, 1991.

*Book Chapters, Review Articles, Audio-visual Publications – cont.*

51. Rothstein JD, Chang RR, **Kuncel RW**: Amyotrophic lateral sclerosis: abnormal glutamate transport and models of chronic glutamate toxicity. In, Simon RP, editor, *Excitatory Amino Acids*, Fidia Research Foundation Symposium Series, 9:223-227, 1992. (Fourth Conference on Excitotoxicity, Yosemite, California, February 1992).
55. **Kuncel RW**: Practical immunotherapy in the management of myasthenia gravis and polymyositis: use of corticosteroids, azathioprine, and cyclosporine. In, Drachman DB, ed., *Immunosuppressive Treatment for Neurologists*. Minnesota, American Academy of Neurology, pp. 57-81, 1992.
63. Corse AM, **Kuncel RW**: Polymyositis. In, Johnson RT and Griffin JW, eds., *Current Therapy in Neurological Disease*, Fourth Edition. BC Decker, Inc., St. Louis, pp. 392-397, 1993.
65. Clawson LL, Rothstein JD, **Kuncel RW**: Amyotrophic lateral sclerosis. In, Johnson RT and Griffin JW, eds., *Current Therapy in Neurological Disease*, Fourth Edition. BC Decker, Inc., St. Louis, pp. 286-295, 1993.
66. **Kuncel RW**: Practical immunotherapy in the management of myasthenia gravis. In, Drachman DB, ed., Course Syllabus: *Immunosuppressive Treatment for Neurologists*. Minnesota, American Academy of Neurology, pp. 247- 263, 1993.
70. **Kuncel RW**, George EB: Toxic neuropathies and myopathies. *Curr Opin Neurol* 6:695-704, 1993.
73. Rieke K, **Kuncel RW**: Rhabdomyolysis and acute presentations of myopathies. In, Hacke W, Hanley DF, Einhaupl KM, Bleck TP, Diringer MN, eds., *Neurocritical Care*. Springer-Verlag, Berlin, pp. 822-826, 1994.
74. Drachman DB, **Kuncel RW**: Myasthenia gravis. In, Hohlfeld, R, ed., *Immunology of Neuromuscular Disease*. Immunology and Medicine Series, Kluwer Academic Publishers, Dordrecht, The Netherlands, pp. 165-207, 1994.
81. **Kuncel RW**: Practical immunotherapy in the management of myasthenia gravis and Lambert-Eaton syndrome. In, Drachman DB, ed., Course Syllabus: *Immunosuppression for Neurologists*. Minnesota, American Academy of Neurology, 341:21-44, 1994.
82. **Kuncel RW**: Myasthenia gravis treatment options. In, Sanders D, ed., Course Syllabus: *Myasthenia Gravis and Myasthenic Syndromes*. Minnesota, American Academy of Neurology, 333:51-72, 1994.
85. Corse AM, **Kuncel RW**: Peripheral neuropathy. In, Barker LR, Burton JR, Zieve P, eds., *Principles of Ambulatory Medicine*, Fourth Edition. Williams and Wilkins, Baltimore, pp. 1240-57, 1995.
88. **Kuncel RW**: Practical immunotherapy in the management of myasthenia gravis and Lambert-Eaton syndrome. In, Drachman DB, ed., Course Syllabus: *Immunosuppression for Neurologists*. Minnesota, American Academy of Neurology, 344:17-40, 1995.
94. Corse AM, **Kuncel RW**: Myasthenia gravis. In, Lichtenstein LM, Fauci AS, Eds: *Current Therapy in Allergy, Immunology, and Rheumatology*, 5th Edition. Mosby, Philadelphia, pp. 386-393, 1996.
95. Corse AM, **Kuncel RW**: Myasthenia gravis and myasthenic syndrome. In, Johnson RT and Griffin JW, Eds: *Current Therapy in Neurological Disease*, 5th Edition. Mosby, Philadelphia pp. 392-400, 1996.

*Book Chapters, Review Articles, Audio-visual Publications – cont.*

100. **Kuncl RW:** Diseases of the motor unit. In, Stobo J, et al., eds., *The Principles and Practice of Medicine*, 23<sup>rd</sup> edition. Appleton, Century, Crofts, New York, pp. 890-904, 1996.
102. **Kuncl RW,** Hoffman PN: Myopathies and disorders of neuromuscular transmission. In, Miller NR and Newman NJ, Eds: *Walsh & Hoyt's Clinical Neuro-Ophthalmology*, 5th Edition. Williams and Wilkins, Baltimore, pp. 1351-1460, 1997.
103. Corse AM, **Kuncl RW:** Myasthenia gravis and myasthenic syndrome. In, Kassirer JP and Greene HL, Eds: *Current Therapy in Internal Medicine*, 4th Edition. Mosby, Philadelphia, pp. 1407-15, 1997.
105. **Kuncl RW:** Immune mediated muscle diseases. In, Coyle PK, ed., Course Syllabus: *Clinical Neuroimmunology*. Minnesota, American Academy of Neurology, 340:55-86, 1997.
108. Flanigan KM, Lauria G, Griffin JW, **Kuncl RW:** Age related biology and diseases of muscle and nerve. *Neurol Clin* 16:659-669, 1998.
109. **Kuncl RW:** Immune mediated muscle diseases: polymyositis, dermatomyositis, and inclusion body myositis. In, Coyle PK, ed., Course Syllabus: *Clinical Neuroimmunology*, Minnesota, American Academy of Neurology, 2FC.005:95-124, 1998.
110. **Kuncl RW:** Human adjuvant diseases–silicone implants and bovine collagen implants. In, Coyle PK, ed., Course Syllabus: *Clinical Neuroimmunology*, Minnesota, American Academy of Neurology, 2FC.005:177-182, 1998.
113. Corse AM, **Kuncl RW:** Peripheral neuropathy. In, Barker LR, Burton JR, Zieve P, eds., *Principles of Ambulatory Medicine*, Fifth Edition. Williams and Wilkins, Baltimore, pp 1296-1313, 1999.
125. **Kuncl RW:** Errors in diagnosis. In, Kuncl RW, Ed, *Motor Neuron Disease*. Saunders, London, pp 21-36, 2002.
126. Shaw PJ, **Kuncl RW:** Current concepts in the pathogenesis of ALS. In Kuncl RW, Ed, *Motor Neuron Disease*. Saunders, London, pp 37-73, 2002.
127. Hugon J, Ludolf A, **Kuncl RW:** Pharmacotherapy of ALS and its scientific basis. In Kuncl RW, Ed, *Motor Neuron Disease*. Saunders, London, pp 115-132, 2002.
128. Baldino F, Farah JM, **Kuncl RW:** Therapeutic trials, drug development, and regulatory oversight. In, Kuncl RW, Ed, *Motor Neuron Disease*. Saunders, London, pp 149-167, 2002.
131. Romano G, Lehar M, **Kuncl RW:** Toxic myopathy. In, Katirji B et al., Eds, *Neuromuscular Disorders in Clinical Practice*. Butterworth Heinemann, pp 1205-1217 and color plates 44-50, 2002.
132. **Kuncl RW:** Immune mediated muscle diseases: polymyositis, dermatomyositis, and inclusion body myositis. In, Johnson RT, Griffin JW, McArthur JM, Eds, *Current Therapy in Neurologic Disease*, Sixth Edition. Mosby, Philadelphia, pp 412-421, 2002.
133. Romano G, **Kuncl RW:** Peripheral neuropathy. In, Barker LR, Burton JR, Zieve P, eds., *Principles of Ambulatory Medicine*, Sixth Edition. Williams and Wilkins, Baltimore, pp 1455-1474, 2002.



*Book Chapters, Review Articles, Audio-visual Publications – cont.*

141. **Kuncl RW:** Use and misuse of corticosteroids. In, Johnson RT, Griffin JW, McArthur JM, Eds, *Current Therapy in Neurologic Disease, Seventh Edition*. Mosby, Philadelphia, pp 416-421, 2006.
157. **Kuncl RW** and Romano G: Toxic myopathy. Chapter 68 in, Katirji B, Kaminsky HJ, and Ruff RL, eds; *Neuromuscular Disorders in Clinical Practice, Second Edition*. Springer, New York, pp 1402-1426, 2013.

---

**Dissertations**


---

1. **Kuncl RW:** The approval-and achievement-motivational determinants of changes in level of aspiration following success and failure. Department of Psychology, Occidental College, 1970 (A.B. Honors Dissertation).
3. **Kuncl RW:** Experimental myopathy of phencyclidine and restraint. University of Chicago Division of Biological Sciences, 1975 (Ph.D. Dissertation).

---

**Miscellany**


---

5. **Kuncl RW:** The life cycle and sexual development of the Beem® capsule. *J Irreproducible Results* 22(4): 29, 1976 (Humor).
53. **Kuncl RW:** Amyotrophic Lateral Sclerosis and Other Motor Neuron Diseases (Advances in Neurology, Volume 56), Lewis P. Rowland, editor. *Ann Neurol* 31:578, 1992 (Book Review).
56. Fidia Research Foundation, *Neuropsychology: The Neuronal Basis of Cognitive Function* (International School of Neuroscience of the Fidia Research Foundation, vol. 2), K Brocklehurst, Editor; **RW Kuncl**, Reporter, pp 113-129 ("The Cerebellum: Coordination and Adaptation of Movement," WT Thach, Jr.) and pp. 207-222 ("Language, Spatial Cognition, and Brain Organization," U Bellugi). Thieme Medical Publishers, New York, 1992.
117. **Kuncl RW**, Garrity SM: A "brief" editorial. *Ann Neurol* 45:3, 1999 (Editorial).
118. **Kuncl RW:** Atlas of Clinical Neurology, Roger N. Rosenberg, editor-in-chief. *Ann Neurol* 45:825-26, 1999 (Book Review).
134. **Kuncl RW:** Pathology of Skeletal Muscle, Second Edition, by Stirling Carpenter and George Karpati. *Ann Neurol* 51:536, 2002 (Book Review).

---

**Selected Invited Outside Lectures, Courses, Panel Discussions, Workshops, Conferences Organized (see also below)**

---

4. Visiting Professor, Uniformed Services University of Health Sciences, Walter Reed Army Medical Center and Bethesda Naval Hospital, September 24-25, 1986: "An Unrecognized Mimic of Polymyositis: Colchicine Myo/Neuropathy," "Evaluation and Differential Diagnosis of ALS," and "Mechanisms of Acetylcholine Receptor Turnover."
5. Visiting Lecturer, University of Chicago, November 24, 1986: "Altering the Lysosomal Pathway in Skeletal Muscle—Relevance to Receptor Turnover and Muscle Diseases."
6. Visiting Lecturer, Burroughs Wellcome Co., Research Triangle Park, NC, March 4, 1987: "Endocytosis of the Acetylcholine Receptor in the Pathophysiology of Myasthenia Gravis: Potential Therapy with Methyltransferase Inhibitors."
7. Visiting Lecturer, UCLA School of Medicine, October 26-27, 1987: "The Endosomal/Lysosomal Pathway in Skeletal Muscle and its Relevance to Muscle Diseases."
9. Visiting Lecturer, Uniformed Services University of Health Sciences, Washington, DC, November 19, 1987: "New Experimental Therapies for Myasthenia Gravis."
15. Visiting Lecturer, Center for Vaccine Development (Divisions of Geographic Medicine, Infectious Diseases, and Tropical Pediatrics), University of Maryland School of Medicine, November 10, 1989: "Drugs That Affect Endocytosis and Their Use in Myasthenia Gravis."
29. Invited Lecturer, The Johns Hopkins Hospital, a national symposium entitled "Institute on Ministry to the Sick," May 1, 1991: "Coping with Chronic Neurological Diseases: Medical, Psychosocial, and Research Aspects."
31. Invited Participant, "Workshop on Neuro-AIDS: Drug Discovery and Development," Portland, Maine, July 22-25, 1991; sponsored by the Developmental Therapeutics Branch of DAIDS and NIAID, the Division of Antiviral Drug Products of CDER and FDA, the Pathogenesis Branch of DAIDS and NIAID, the NINDS, and the NIEHS.
34. Chair, Workshop at the Fourth Conference of the National Cooperative Drug Discovery Groups, "Frontiers in HIV Therapy," San Diego, CA, November 5-7, 1991: "Toxicology of Anti-HIV Therapy."
40. Invited Faculty, American Academy of Neurology course entitled, "Immunosuppressive Treatment for Neurologists," San Diego, CA, May 8, 1992: "Practical Immunotherapy in the Management of Myasthenia and Polymyositis: Use of Corticosteroids, Azathioprine, and Cyclosporine."
50. Invited Faculty, American Academy of Neurology course entitled, "Myasthenia Gravis and Myasthenic Syndromes," Washington, DC, May 6, 1994: "MG Treatment Options."
53. Visiting Lecturer, University of Arizona Health Sciences Center, Department of Neurology, January 6, 1995: "New Approaches to Pathogenesis of ALS and Therapeutic Implications."
65. Invited Lecturer, Carolinas Medical Center Department of Medicine, June 7, 1996: "A Research Center for ALS."

*Selected Invited Outside Lectures, Courses, Panel Discussions, Workshops, Conferences Organized (see also below) – cont.*

70. Invited symposium, "The Best of Johns Hopkins in Bangkok," February 27-28, 1997, on the occasion of the 25th anniversary celebration of Bangkok General Hospital, Bangkok, Thailand. Invited lecture entitled "The New Menu of Treatments for Neuromuscular Diseases."
71. Invited Faculty, American Academy of Neurology course entitled, "Clinical Neuroimmunology," Boston, MA, April 18, 1997: "Practical Approach to Immune Mediated Muscle Disorders: Polymyositis, Dermatomyositis, Inclusion Body Myopathy," and "Zidovudine Myopathy."
73. Invited Lecturer, Myasthenia Gravis Foundation, Washington DC, March 21, 1998: "Future Experimental and Current Treatment of Myasthenia Gravis."
76. 11<sup>th</sup> Annual John H. Kendig Neuroscience Lecture, St. Johns Mercy Medical Center, St. Louis, MO, July 29, 1998: "Immune Mediated Muscle Disease."
77. Visiting Lecturer, Medical University of South Carolina, September 24-25, 1998: "Preclinical Development of Neurotrophic Factors for ALS."
78. Visiting Lecturer, University of North Carolina, November 4-5, 1998: "Preclinical Development of Novel Neurotrophic Factors for Motor Neuron Disorders."
79. Visiting Professor, Emory University School of Medicine, January 14-15, 1999: "Pathogenesis and Current Immunotherapy of Immune-mediated Myopathies."
80. Invited Faculty, American Academy of Neurology course entitled, "Muscle Biopsy," Minneapolis, MN, April 18, 1999.
81. Invited Faculty, American Academy of Neurology course entitled, "Clinical Neuroimmunology," Minneapolis, MN, April 19, 1999: "Immune Mediated Muscle Diseases: Polymyositis, Dermatomyositis, Inclusion Body Myositis."
82. Invited Faculty, American Academy of Neurology course entitled, "Clinical Neuroimmunology," Minneapolis, MN, April 19, 1999: "What's the Scoop?: Human Adjuvant Diseases—Silicone Implants and Bovine Collagen Implants."
86. Invited Lecturer, Johns Hopkins Neurology Resident Lecture Series, May 13, 1999: "How to Publish a Paper and Interact with Journals."
87. Invited Professor, Course for Italian Neurology Residents, The Agarini Foundation, Orvieto, Italy, June 28-30, 2000: "Motor Neuron Diseases: Preclinical Drug Development of Novel Neurotrophic Neuroprotectants."
88. Invited Faculty, American Academy of Neurology course entitled, "Clinical Neuroimmunology," San Diego, CA, May 5, 2000: "Immune Mediated Muscle Diseases: Polymyositis, Dermatomyositis, Inclusion Body Myositis."

*Selected Invited Outside Lectures, Courses, Panel Discussions, Workshops, Conferences Organized (see also below) – cont.*

89. Invited Faculty, American Academy of Neurology course entitled, "Clinical Neuroimmunology," San Diego, CA, May 5, 2000: "What's the Scoop?: Novel Hypotheses for Inclusion Body Myositis."
90. Organizer of Satellite Session, American Council on Education Fellows Mid-Year Seminar, Claremont Colleges, CA, January 5, 2001: "Best Practices in Consortia."
91. Invited Lecturer, Bryn Mawr College Center for Visual Culture, April 25, 2001: "Visual Icons in Medicine: from the Smith Papyrus to Lou Gehrig."
92. Invited Lecturer, Bryn Mawr College Department of Chemistry Colloquium Series, September 20, 2002: "Preclinical Development of Novel Neuronotrophic Factors That Have Potential in Lou Gehrig's Disease."
93. Invited Lecturer, Bryn Mawr College Neuroscience Seminar, February 12, 2003: "Neurobiology of Motor Neuron Diseases."
94. Invited Presentation, Consortium on Finance in Higher Education, April 28, 2003: "Revisiting the Relevance of Liberal Arts in the Context of Assessment and Pre-Professional Preparation."
95. Invited Presentation, the Annapolis Group, annual meeting, June 16, 2003: "Assessment of Faculty Performance."
96. Invited Plenary Sessions Speaker and Moderator, Reinvention Center Conference on "Integrating Research into Undergraduate Education: The Value Added," Washington, DC, November 18-19, 2004: "Incorporating Principles of Learning into Undergraduate Education."
97. Invited Lecturer and Workshop, Academic Impressions Conference on "Recruiting and Hiring Senior Executives and Presidents," June 8, 2005; and September 26, 2005: "Writing a Position Statement That Stands Out From the Competition."
98. Invited Panel Presentation, Franklin Inn and Cosmopolitan Club, on "Women and Science," June 17, 2005: "Biological Differences, Ways of Learning, and Participation in Science."
99. Invited Lecturer, Bryn Mawr College Postbaccalaureate Premedical Program, September 8, 2005: "The Era of Evidence-based Medicine."
100. Invited Seminar, Bryn Mawr College Center for Science in Society, December 2, 2005: "Ethical Concerns in Drug Development and Big Pharmacy's Partnerships with Academia."
101. Invited Symposium Panel, Center for Child and Family Well-being, Bryn Mawr, PA, Conference on Child and Adolescent Health: Vulnerability and Resilience, April 7, 2006: "A Neurologist's Reading of the Movie, *Let Him Have It*: Stereotype Threat and Perceived But Erroneous Links Between Epilepsy, Delinquency, and Low Intelligence in Societal and Media Representations."
102. Invited Panel Presentation, Consortium on Finance in Higher Education, Stanford University, April 20, 2006: "Assessment and Accountability: the National Survey of Student Engagement vs the COFHE Enrolled Student Survey and Other Surveys as Measures of Outcomes - Are They Valid?"

*Selected Invited Outside Lectures, Courses, Panel Discussions, Workshops, Conferences Organized (see also below) – cont.*

109. Invited Lecturer, Center for Electronic and Imaging Sciences University Technology Showcase, February 13, 2008: "Technology Transfer at Research Universities: Directions for the Future."
113. National Annual Meeting, Rochester Industrial Associates, March 31, 2008: "Technology Transfer at Research Universities: Directions for the Future."
114. Keynote Presentation, American Association for the History of Medicine, April 11, 2008: "On the History of Medicine at Rochester and Hopkins."
115. Invited Lecturer, Rochester Intellectual Property Law Associates, June 4, 2008: "University of Rochester and Its Future: Academic Strategic Plans and Campus Master Plan."
116. Invited Lecturer, Genesee Graduate Chapter, Alpha Delta Phi, June 11, 2008: "University of Rochester and Its Future: Strategic Planning, Technology Transfer/Commercialization, and Campus Master Plan."
117. Invited Moderator and Speaker, Biogen Idec Forum on Technology Transfer, June 16, 2008: "Structure, Metrics, Results, and Challenges in Technology Commercialization."
118. Invited Speaker and Facilitator, five working sessions of chief academic officers and chief financial officers, for ACE- and NACUBO-sponsored three-day workshop, Washington, DC, August 13-15, 2008: "CAO and CFO Collaboration: Building a More Effective Partnership."
119. Invited Panelist, national conference of the Reinvention Center, "Education, Innovation, and Discovery: The Distinctive Promise of the American Research University," Washington, DC, November 13, 2008: plenary session on "General Education at the Research University in the 21<sup>st</sup> Century: Innovative Alternatives to the Four-Year Liberal Arts College Model."
120. Invited Workshop Leader, national conference of the Reinvention Center, "Education, Innovation, and Discovery: The Distinctive Promise of the American Research University," Washington DC, November 13, 2008: breakout session on "Student-Driven Approaches to General Education."
125. Plenary Session Panelist and Session Leader for the joint national conference of the American Council on Education and the National Association of College and University Business Officers, Washington, DC, July 29-31, 2009.
128. Keynote Address, Festival of the Eastman Rochester Organ Initiative, Christ Church, Rochester, NY, October 29, 2009: "Felix Mendelssohn, the Contrapuntal Tradition and the Eastern-Rochester Organ Initiative."
132. Invited Lecturer, Harley School course on Hospice, January 14, 2010: "ALS and Hospice."
144. Invited Address, The Rochester Forum, June 15, 2010: "Key University Initiatives."
145. Invited Remarks and presentation of the Susan B. Anthony Promise Award, Ladies Professional Golf Association Tournament, June 23, 2010: "Conversation with Champions."

*Selected Invited Outside Lectures, Courses, Panel Discussions, Workshops, Conferences Organized (see also below) – cont.*

150. Invited Panelist, with the President of Penn State University and the Provost of University of Albany, to the Stony Brook University General Education Panel Envisioning the Strategic Plan, “50 Forward”: “Creative Alternatives to Menu-Based General Education Distribution Requirements: Student-Driven Cluster Systems.”
153. Invited Lecturer, Neuromuscular Conference, University of Western Ontario (Canada), November 13, 2010: “Drug-Induced Myopathies.”
158. Rochester Technology Forum, Paetec Park, June 15, 2011: “Key Technology Initiatives.”
159. Boston Technology Forum, Battery Ventures, Waltham, MA, June 20, 2011: “Key Technology Initiatives of the University of Rochester.”
160. Invited Lecturer, Novartis Oncology Advisory Board, on LDE225, Boston, MA, September 15, 2011: “Drug-Induced Myotoxicity.”
161. Invited Lecturer, Novartis Pharmaceuticals, Florham Park, NJ, March 29, 2012: “Muscle Biopsies in Clinical Toxicology Studies.”
175. Invited Lecturer, Loma Linda University Medical Center, Neurology Grand Rounds, March 28, 2013: “Practical Approach to Toxic Myopathies, from Lipitor to Gourmet Mushrooms.”
180. Invited Panelist, for Parthenon-Ernst & Young’s California Higher Education Innovation Council, held at Saint Mary’s University, Los Angeles, CA, June 15, 2016: “Strength in Numbers: Strategies for Collaborating in a New Era for Higher Education.” Video Recording for distribution, and publication of interview, “University Capital Strategy for Leadership.” Gil Hentschke, coordinator.
182. Invited Workshop Leader, Peabody School of Music Faculty and Staff of The Johns Hopkins University, Baltimore, MD, March 14, 2018: “Holding Difficult Conversations.” By invitation of the Dean.
183. Invited Workshop Leader, School of Medicine Faculty of The Johns Hopkins University, Baltimore, MD, Spring 2019: “Leading by Engagement in Difficult Conversations: Appreciative Inquiry.” By invitation of the Office of the Dean.

---

### **Selected Invited Lectures, Courses, and Conferences Internal to the University of Rochester and the University of Redlands (see also above with unique consecutive number)**

---

103. Invited Workshop on diversity, UR Cabinet, August 25, 2007, Niagara on the Lake: “Diversity definitions, assessment, and commitment.”
104. Inauguration Address to the University Community, University of Rochester, October 10, 2007: “Meliora: I See Better Things Ahead.” DSpace Researcher Page <http://hdl.handle.net/1802/4876>.
105. Lecture, New and Early Career Faculty Orientation Program, UR, October 26, 2007: “Process and perspectives on Promotion and Tenure.”

*Selected Invited Lectures, Courses, and Conferences Internal to the University of Rochester and the University of Redlands (see also above with unique consecutive number) – cont.*

106. Invited Workshop on planning for university administration and finance group, University of Rochester, November 13, 2007: “The World Is Flat Again: Envisioning the Landscape of the 21<sup>st</sup> Century University.”
107. Invited Lecturer, Phelps Colloquium Series, University of Rochester, November 27, 2007: “Back to the Future 1938: How Would Lou Gehrig Be Treated in 2008?”
108. Half-day workshop, University of Rochester New Faculty Orientation, January 25, 2008: “Diversity and Inclusiveness in Pedagogy.”
110. Invited Lecturer, University of Rochester Medical Center Administrators Group, February 20, 2008: “The University of the Future.”
111. Invited Lecturer, University Management Team, February 21, 2008: “University Council on Sustainability.”
112. Invited Presentation, UR Board of Trustees, March 12, 2008: “University Academic Trends: Multidisciplinary Scholarship and Environmental Sustainability.”
121. Workshop Leader, University of Rochester New and Early Career Faculty, January, 16, 2009: “How Do People Learn?”
122. Invited Presentation, University of Rochester Research Subjects Review Boards (RSRB), All-Boards Annual Meeting, April 28, 2009: “Performance Improvement in Peer Review; Laying the Foundation for Reformation of RSRB.”
123. Invited Lecturer, University of Rochester Faculty Senate, State of the Faculty Address, May 12, 2009: “Faculty Compensation, Faculty Achievements, and Technology Transfer and Multidisciplinary Scholarship.”
124. Keynote Address, Phi Beta Kappa Iota Chapter Ceremony, May 16, 2009: “The Enduring Key.”
126. Invited Lecturer and Seminar, University of Rochester course in Education 580, Foundations of Health Professions Education (interdisciplinary course offered between faculty in School of Medicine and Dentistry, School of Nursing, and Warner School of Education), October 19, 2009: “How People Learn: New Insights into the Psychology of Learning.”
127. Invited Lecturer and Seminar, University of Rochester School of Medicine and Dentistry, “Dean’s Teaching Fellowship Program” (a faculty development program), October 28, 2009: “How People Learn: New Insights into the Psychology of Learning.”
129. Invited Lecturer and Seminar, University of Rochester course in Education 436, Overview of Higher Education: How Universities Work, Warner School of Education, November 11, 2009: “Academic and Financial Leadership Roles and Their Interaction in a Research University: CAOs Are from Venus, CFOs Are from Mars.”
130. Invited Lecturer, “F.I.R.E. For Inventors, Researchers, and Entrepreneurs” series in the entrepreneurship program of the University of Rochester, December 8, 2009: “Fact or Fiction: Top-Ten Quiz about Tech Transfer.”

*Selected Invited Lectures, Courses, and Conferences Internal to the University of Rochester and the University of Redlands (see also above with unique consecutive number) – cont.*

131. Invited Presentation, University of Rochester Research Subjects Review Boards, All-Boards Annual Meeting, December 18, 2009: “A Vision for Research.”
133. Invited Presentation, New and Early Career Faculty Workshop, University of Rochester, January 15, 2010: “How People Learn: New Insights into the Psychology of Learning.”
134. Invited Lecturer, University of Rochester New and Early Career Faculty, January 15, 2010: “How People Learn: New Insights into the Psychology of Learning.”
135. Invited Presentations, University of Rochester Human Resources Department (recurrent, several times per year, 2010-2011): “Shared Governance, Following the Money in a Decentralized University, and Guiding Principles for University Leaders.”
136. Invited Presentation, University of Rochester Alumni Business Luncheon Series, Genesee Valley Club, March 4, 2010: “Inspiring Innovation: Technology Transfer.”
137. Invited Presentation, University of Rochester Board of Trustees Retreat, March 11, 2010: “Building the Pipeline for Licensing New Ventures at the UR.”
138. Invited Presentation, Laboratory for Laser Energetics Seminar Series, March 19, 2010: “Technology Transfer: Fact or Fiction in the Post Bayh-Dole Era.”
139. Invited Lecturer, University of Rochester Faculty Senate, State of the Faculty Address, April 6, 2010: “Advancing the Research Enterprise of a Great University.”
140. Special Invited Lecturer, University of Rochester Board of Trustees, May 14, 2010: “Advancing the Research Enterprise of a Great University.”
141. Address, Phi Beta Kappa Chapter, University of Rochester, May 15, 2010: “On the Nature of Taking Credit for Honors.”
142. Opening Address, IBM/University of Rochester symposium on the Health Sciences Center for Computational Innovation, June 20, 2010: “The Value Proposition of Collaborative Research.”
143. Opening Address, American Council on Education/University of Rochester workshop, “Leading Your Department into the Future,” June 9, 2010: “Framing the Agenda.”
146. Keynote Address, Medical Scientist Training Program, Annual Retreat, University of Rochester, August 5, 2010: “The World in Which You Will Live as Physician Scholars.”
147. Invited Lecturer, Rochester Early Medical Scholars Program, University of Rochester, September 15, 2010: “Your New Identity in a Future Era of Evidence-Based Medicine.”
148. Invited Remarks, Emeriti Faculty Celebration, University of Rochester, September 19, 2010: “The University of Rochester Strategic Plan and Campaign Goals.”
149. Invited Remarks, Annual Meeting of the University of Rochester Press Editorial Board, October 4, 2010; “The Enduring Value of a Scholarly Press Despite the Great Recession and Transition in the Industry.”



*Selected Invited Lectures, Courses, and Conferences Internal to the University of Rochester and the University of Redlands (see also above with unique consecutive number) – cont.*

151. Invited Address, UR Year One Program, University of Rochester Faculty, October 22, 2010: “Keys to Promotion and Tenure.”
154. Invited Lecturer, University of Rochester New and Early Career Faculty, January 14, 2011: “How People Learn: New Insights for Your Teaching Careers.”
155. Annual Keynote “State of the Faculty Address,” University of Rochester, January 18, 2011: “The Teaching Enterprise of a Great University.”
156. Invited Keynote Remarks, the Deans’ Teaching Fellows Program of the School of Medicine and Dentistry, University of Rochester, January 19, 2011: “Advice to Faculty on Creating and Mentoring Careers as Educators.”
157. Address to the University of Rochester Board of Trustees, May 12, 2011: “The Teaching Enterprise of a Great Research University.”
162. Address to the University of Rochester Board of Trustees, May 12, 2011: “Development and Proposal of a First-Ever University of Rochester Mission Statement.”
163. Address, Phi Beta Kappa Iota Chapter, University of Rochester, May 15, 2010: “Parents and Honors.”
164. University of Rochester Advancement Senior Staff Retreat, August 2, 2011: “The New Mission Statement and University Initiatives.”
165. Keynote Address, Xerox Alumni Reception of the University of Rochester, October 6, 2011: “The Future of the University.”
166. Course Presentation, University of Rochester New Chair Leadership Conversation, November 9, 2011: “Faculty Careers: Managing Time, Balancing Responsibilities in a New Leadership Role.”
167. Invited Lecturer, Rochester Early Medical Scholars (REMS program), November 16, 2011: “Your New Identity in a Future Era of Evidence-Based Medicine.”
168. Lecture and Discussion, UR Year One Program, January 20, 2012: “Considering Your Teaching Survey Returns: Is It Giving Great Lectures? Is It Facilitating Great Discussions? Is There Evidence for Specific Pedagogies? And Is There Support at UR?”
169. Breakfast Program Presentation, Rochester Alumni of Color Group, January 25, 2012: “A Personal Approach to Diversity and Cultural Competence.”
170. Invited Presentation, University Management Team Meeting, January 25, 2012: “International Initiatives and the New Web Portal – *UR Global*.”
171. Keynote Presentation, Alumni Reunion Program, the Grammy Museum, Los Angeles, CA, March 10, 2012: “Learn, Discover, Heal, Create and Make the World Ever Better.”
172. Invited Presentation, Rochester Board of Trustees Retreat, March 15, 2012: “The Situation Today: Overview of Our Strategic Engagement Outside Rochester.”

*Selected Invited Lectures, Courses, and Conferences Internal to the University of Rochester and the University of Redlands (see also above with unique consecutive number) – cont.*

173. Invited Lecturer, UR Faculty Senate Meeting, State of the Faculty Address, May 8, 2012: "Faculty of the Future – Thoughts on the Challenges and Opportunities Ahead."
174. Invited Presentation, Phi Beta Kappa Iota Chapter Ceremony, May 19, 2012: "First Jobs, Second Jobs, and the Metaphor of Antonio Vivaldi."
176. Invited Lecturer, master's program in higher education, Educ 607 – Higher Education in the United States: Contexts and Populations, November 5, 2012: "Academic and Financial Leadership of the Modern University."
177. Invited Lecturer, Communicative Disorders Masters and Undergraduate Programs, September 11, 2013: "Update on Amyotrophic Lateral Sclerosis for Speech and Swallowing Experts."
178. Invited Lecturer, master's program in higher education, Educ 607 – Higher Education in the United States: Contexts and Populations, November 4, 2013 (and annually thereafter): "The Role of the President in Institutions of Higher Education."
179. Invited Speech, University of Redlands Phi Beta Kappa Chapter, April 2, 2014: "Openness to Change."
181. Invited Presentation and Poster, University of Redlands Summer Science Research Program, October 4, 2017: "A tale of two autoimmune diseases: pemphigus foliaceus responds to thymectomy as does autoimmune myasthenia gravis."

---

## Media Presentations, Appearances, and Interviews; Federal Panel Appearances; Op-Eds

---

1. Invited Guest Speaker, talk show entitled, "Focus on Your Health," radio station WGAY 99.5, Washington, DC, February 9, 1992: "Myasthenia Gravis."
2. Invited Discussant, Office of Communications and Public Affairs, Series on Communicating Science to the Public and Media, June 20, 1995: "Pre-publication Release of Information."
3. WBAL-TV11 News appearance, August 22, 1995: Cal Ripken and ALS.
4. WBFF-TV45 News appearance, August 22, 1995: Cal Ripken and ALS.
5. CBS Network, live national interview by Jane Robelot, "This Morning," August 23, 1995: Interview regarding Cal Ripken's impending eclipse of Lou Gehrig's Iron Man record, ALS, and our fund-raising effort for ALS research.
6. WJZ-TV13 and live, nationally televised nightly news, September 6, 1995: Check presentation of \$2M by Cal Ripken and the Baltimore Orioles to Ralph Kuncel for the newly established Cal Ripken/Lou Gehrig Fund for Neuromuscular Research at The Johns Hopkins University.

*Media Presentations, Appearances, and Interviews; Federal Panel Appearances; Op-Eds – cont.*

7. Food and Drug Administration, Center for Drug Evaluation and Research; Peripheral and Central Nervous System Advisory Committee, May 8, 1997 (re: Myotrophin).
8. Maryland Public TV, live interview on “Newsnight Maryland,” July 30, 1999: Research advances in ALS.
9. Fox-5 TV, taped interview, April 23, 2001: Current issues in research on amyotrophic lateral sclerosis and the establishment of the Gail Rupertus Foundation for Neuromuscular Research.
10. *Democrat and Chronicle* (Rochester newspaper), multiple interviews, October – December, 2009: American Recovery and Reinvestment Act, University of Rochester and regional funding.
11. WXXI radio, interview by Peter Iglinski, November 18, 2009: American Recovery and Reinvestment Act funding.
12. *Rochester Business Journal*, November 20, 2009: AAUP Faculty Salary Data Comparisons.
13. *Democrat & Chronicle*, Jim Goodman, reporter, December 21, 2009: American Recovery and Reinvestment Act.
14. *Technology Transfer Tactics*, Caralyn Davis, writer and editor, February 25, 2010: Strategic positions in technology transfer policy.
15. *The Chronicle of Higher Education*, Katie Masterson, reporter, July 1, 2010: The economy’s effect on retirement plans of current faculty.
16. *Rochester Business Journal*, Nate Dougherty, reporter, November 2, 2010: Gender equity in faculty salaries.
17. *Rochester Business Journal*, Nate Dougherty, reporter, December 23, 2010: Trends in the Thomson Reuters Web of Science *Global Research Report* of November 2010 on science citation trends in the face of declining US impact overall: “UR receives high mark in scientific influence: the University ranks among the top 20 research institutions.”
18. WROC TV, Rochester, NY, February 16, 2011: The Wolf Prize in Chemistry for Professor Ching Tang, for the invention of organic LEDs.
19. KVCR 91.9 FM, October 12, 2012: Interview with Dr. Ralph Kuncel, new President of University of Redlands: <http://kvcr.org/~media/Files/SBCCD/KVCR/Podcasts/News-Podcast/KenVincentandDr.RalphKuncelPart1.mp3>
20. *This Week @ Inside Higher Ed*, panelist appearance on audiocast, June 6, 2014: topics: federal ratings, rankings, sexual assault surveys, and guns on campuses. <http://www.insidehighered.com/audio/2014/06/06/program-5-obama-ratings-plan-gaming-us-news-another-campus-shooting-june-6-2014#sthash.GfSV5PKl.dpbs>
21. Quoted in *Inside Higher Ed* and *Washington Post*, September 9, 2014, regarding USNews rankings methodology and their significance.

*Media Presentations, Appearances, and Interviews; Federal Panel Appearances; Op-Eds – cont.*

22. Op-Ed, *Hechinger Report*, October 23, 2014: What would Thomas Jefferson say? The mind and heart of the new liberal arts. [http://hechingerreport.org/content/thomas-jefferson-say-mind-heart-new-liberal-arts\\_17766/](http://hechingerreport.org/content/thomas-jefferson-say-mind-heart-new-liberal-arts_17766/)

## APPENDIX A

---

### History of Grant Support - Higher Education

---

#### Major Funded Grants as Responsible Author or Contributor

<p>IBM (Leader, Responsible Author, and Institutional PI)</p> <ul style="list-style-type: none"> <li>• Shared University Research Grant: <b>Health Sciences Center for Computational Innovation</b>; \$3,200,000 (University of Rochester)</li> </ul>	2008
<p>The Andrew W. Mellon Foundation (Co-authored by Connie Hungerford, Swarthmore College; David Dawson, Haverford College; and Ralph Kuncel, Bryn Mawr College)</p> <ul style="list-style-type: none"> <li>• <b>A New Age of Tri-College Collaboration</b>; \$2,000,000</li> </ul>	2005
<p>National Science Foundation (Advisor, in collaboration with Reinvention Center)</p> <ul style="list-style-type: none"> <li>• Reinvention Center's <b>Math/Biology Survey and Dissemination Grant</b> to NSF, in collaboration with MAA, AAAS, and ASM</li> </ul>	2003
<p>The Andrew W. Mellon Foundation (Principal author, with Dr. Suzanne Spain)</p> <ul style="list-style-type: none"> <li>• <b>Faculty Bridge Support in the Humanities</b>; \$570,000 (Bryn Mawr College)</li> </ul>	2003
<p>National Institute for Technology and Liberal Education (Principal author)</p> <ul style="list-style-type: none"> <li>• <b>Guidelines for the Evaluation of Web-Based Scholarship: a Collaboration Between the Tri-College Consortium, NITLE, and the Mellon Foundation</b>; \$5,000 (Swarthmore, Haverford, and Bryn Mawr Colleges)</li> </ul>	2003
<p>Howard Hughes Medical Institute, (Responsible author, with science department team)</p> <ul style="list-style-type: none"> <li>• <b>Undergraduate Science Education Program</b>; \$1,598,468 (Bryn Mawr College)</li> </ul>	2003
<p>National Science Foundation (with Wendy Katkin, PI, Reinvention Center)</p> <ul style="list-style-type: none"> <li>• National Advisory Group, NSF Grant: <b>Supplement of the Conference on "Undergraduate Research and Scholarship and the Mission of the Research University"</b></li> </ul>	November 13-15, 2002

---

**History of Grant Support – Neurosciences, Fundamental and Clinical**


---

Muscular Dystrophy Association (R.W. Kuncl, PI)

- **Bringing PEDF Towards Clinical Trials in ALS**

Direct Cost: \$75,000 (\$150,000 for 2 years)

Total Period: 7/1/01 - 12/30/03

Effort: 10% (Collaborators: Fred Gage, Salk Institute; Terry Heiman-Patterson, Drexel University School of Medicine)

Arena Pharmaceuticals, Inc.

- **GPCR's and Motor Neurons**

Direct Cost: \$30,000

Total Period: 7/1/01 - 6/30/02

Effort: N/A

Muscular Dystrophy Association (R.W. Kuncl, PI)

- **Potent Neuroprotection of Motor Neurons by PEDF**

Direct Cost: \$60,000 (\$180,000 for 3 years)

Total Period: 7/1/98 - 6/30/01

Effort: N/A

NINDS - RO1 (R.W. Kuncl, PI)

- **Protective Trophic Factors in Motor Neuron Degeneration**

Direct Cost: \$157,570 (\$614,400 for 5 years)

Total Period: 5/1/95 - 2/28/00

Effort: 35%

NINDS - RO1 (J.D. Rothstein, PI; R.W. Kuncl, co-PI)

- **Glutamate Transporters and Chronic Neuronal Toxicity**

Direct Cost: \$195,416 (\$723,020 for 4 years)

Total Period: 5/1/95 - 4/30/99

Effort: 5%

NIA-PO1 Program Project (R.H. Brown, PI)

- **Superoxide Dismutase in Aging and Neurodegeneration**

Direct Cost: \$562,556 (\$3,500,000 for 5 years)

Project II \$148,383 (\$698,820 for 5 years)

Total Period: 4/1/95 - 3/31/00

Effort: 10%

NINDS-CIDA (A.M. Corse, PI; R.W. Kuncl, Sponsor)

- **Trophic Factors in Chronic Motor Neuron Degeneration**

Direct Cost: \$402,500 (5 years)

Total Period: 4/1/94 - 3/31/99

Effort: N/A

NINDS-Training Grant (D.B. Drachman, PI)

- **Training in Neuromuscular Disease**

Total period: 12/1/93 - 11/30/98

Direct Cost: \$112,042 (1st year) (\$997,326 for 5 years)

Effort: N/A

*History of Grant Support – Neurosciences, Fundamental and Clinical – cont.*

Rhone-Poulenc Rorer Pharmaceuticals, Inc. (J.D. Rothstein, PI; R.W. Kuncel, co-PI)

- **Multinational, Double Blind, Placebo-Controlled, Parallel Group, Dose-Ranging Study on Efficacy and Safety of Riluzole Tablets in Amyotrophic Lateral Sclerosis (ALS) Patients**

Direct Cost: \$170,000

Total Period: 9/1/93 - 6/30/95

Effort: N/A

Muscular Dystrophy Association (J.D. Rothstein and R.W. Kuncel, co-PIs)

- **ALS: A Model of Chronic Excitatory Motor Neuron Toxicity to Investigate Neuroprotective Strategies**

Direct Cost: \$214,370 (3 years)

Total Period: 7/1/93 - 6/30/96

Effort: N/A

Regeneron Pharmaceuticals, Inc. (R.W. Kuncel, PI)

- **Protocol A-9202: A Phase II-III Prospective, Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging and Efficacy Study of Recombinant Human Ciliary Neurotrophic Factor (rHCNTF) in Patients with Amyotrophic Lateral Sclerosis**

Total Period: 5/1/93 - 12/31/94

Direct Cost: \$101,000

Effort: 10%

Regeneron Pharmaceuticals, Inc. (R.W. Kuncel, PI)

- **Protocol A-9203: Measurement of Muscle Strength and Abilities to Perform Activities of Daily Living in Patients with Amyotrophic Lateral Sclerosis**

Total Period: 10/1/92 - 4/30/93

Direct Cost: \$20,000

Effort: 5%

NINDS - RO1 NS30086 (R.W. Kuncel, PI)

- **Pathophysiology of Glutamate in ALS**

Total Period: 2/1/92 - 1/31/95

Direct Cost: \$103,192 (1st year) (\$ 335,090 for 3 years)

Effort: 30%

Wyeth-Ayerst Research (C. Saudek, PI)

- **A Double-Blind, Placebo-Controlled, Randomized Study of the Effects of Tolrestat on Peripheral Nerve Morphology and Biochemistry in Patients with Diabetic Peripheral Sensorimotor Neuropathy (surgery section)**

Total Period: 7/1/91 - 6/30/93

Direct Cost: \$10,000

Effort: 5%

National Institute of Environmental Health Science - RO1 ES05750 (R.W. Kuncel, PI)

- **Mechanisms of AZT-Induced Myopathy**

Total Period: 7/1/91 - 3/31/96

Direct Cost: \$137,474 (1st year) (\$522,472 for 5 years)

Effort: 35%

*History of Grant Support – Neurosciences, Fundamental and Clinical – cont.*

Muscular Dystrophy Association (J.D. Rothstein and R.W. Kuncel, co-PI)

- **Excitatory Amino Acid Metabolism in ALS**  
Total Period: 7/1/90 - 6/30/93  
Direct Cost: \$60,292 (1st year) (\$165,722 for 3 years)  
Effort: 10% (no salary)

Muscular Dystrophy Association (D.B. Drachman, PI)

- **Treatment of ALS: Immunosuppression with IV Plus Oral Cyclophosphamide**  
Total Period: 1/1/89 - 12/31/92  
Direct Cost: \$194,622 (3 years)  
Effort: 10% (no salary)

Muscular Dystrophy Association (D.B. Drachman, PI)

- **Trial of Total Lymphoid Irradiation in the Treatment of Amyotrophic Lateral Sclerosis**  
Total Period: 1/1/89 - 12/31/91  
Direct Cost: \$244,151 (2 years)  
Effort: 10% (no salary)

NIH R01 (A. Pestronk, PI)

- **Antiganglioside Antibodies in Motor Neuron Disorders**  
Total Period: 12/1/88 - 11/30/90  
Direct Cost: \$133,773 (2 years)  
Effort: 10% (ended 9/1/89)

NIH R01 NS26455 (R.W. Kuncel, PI)

- **Novel Therapy of Myasthenia by Reducing AChR Endocytosis**  
Total Period: 9/25/88 - 8/31/92  
Direct Cost: \$318,812 (4 years)  
Effort: 45%

NIH R01 (A. Pestronk, PI)

- **Aging and the Neuronal Cytoskeleton**  
Total Period: 8/1/88 - 7/31/91  
Direct Cost: \$277,217 (3 years)  
Effort: 10% (ended 9/1/89)

Johns Hopkins University (R.W. Kuncel, PI)

- **Andrew Mellon Foundation Clinician Scientist Award**  
Total Period: 4/1/88 - 3/31/90  
Direct Cost: \$50,000 (2 years)  
Effort: 25%

NIH Research Center (R.T. Johnson, PI)

- **Research Centers for AIDS Dementia and Other Retrovirus Associated Neurological Disorders**  
Project I: Clinical Studies of the Neurologic Manifestations of HIV Infection.  
Total Period: 7/1/88 - 6/30/93  
Direct Cost: \$8,522,536 (5 years)  
Effort: 10%



*History of Grant Support – Neurosciences, Fundamental and Clinical – cont.*

Muscular Dystrophy Association (R.W. Kuncl, PI)

- **Reducing AChR Endocytosis: A New Therapeutic Approach in Myasthenia Gravis**  
Total Period: 7/1/87 - 6/30/89  
Direct Cost: \$57,294 (2 years)  
Effort: (no salary)

Sandoz Pharmaceuticals and Muscular Dystrophy Association (R.W. Kuncl, PI)

- **A Multicenter Double-Blind Clinical Trial to Assess the Safety and Efficacy of Cyclosporine in the Treatment of Myasthenia Gravis**  
Total Period: 7/1/87 - 12/31/90  
Direct Cost: \$25,560  
Effort: 5%

NIH 5K07 NS00734 (TIDA) (R.W. Kuncl, PI)

- **Normal and Abnormal Muscle**  
Total Period: 4/1/83 - 3/31/88  
Direct Cost: \$202,250 (5 years)  
Effort: 70% Research  
30% Clinical and Teaching

Muscular Dystrophy Association (R.W. Kuncl, PI)

- **Phospholipid Transmethylation of Skeletal Muscle**  
Total Period: 7/1/81 - 3/31/83  
Direct Cost: \$38,000 (2 years)  
Effort: 100%

USPHS 5T05GM 01939 (Frank Fitch, PI)

- **Medical Scientist Training Program**  
Total Period: 7/1/70 - 6/30/77  
Direct Cost: \$52,899 (7 years)  
Effort: 100%

Cephalon, Inc. (J.D. Rothstein and R.W. Kuncl, co-PIs)

- **Studies of Calpain Inhibitors, Spectrin Antibodies, and IGF in Organotypic Spinal Cord**  
Total Period: 1996  
Direct Cost: \$23,000  
Total Period: unstated  
Effort: N/A

Amgen, Inc. (J.D. Rothstein and R.W. Kuncl, co-PIs)

- **Studies of BDNF, NT3, LIF in Organotypic Spinal Cord**  
Direct Cost: \$15,683  
Total Period: unstated  
Effort: N/A

## APPENDIX B

---

### Trainees, Staff, Faculty, Deans Mentored

---

#### FACULTY, STAFF, AND DEANS

<b>Name</b>	<b>Dates Mentored</b>	<b>Highest Academic Position Attained</b>
Lazaro Lima, PhD	2002 - present	E. Claiborne Robbins Distinguished Chair in Liberal Arts; Prof. of Latin American, Latino, and Iberian Studies; Prof. of American Studies; and Associate Provost for Faculty, University of Richmond. Associate Provost for Equity and Inclusion, Wellesley College
Mark Zupan, PhD	2007 - 2012	President, Alfred University, Allegany County, Western New York since 2016 (formerly, Dean of Simon School of Business and Olin Distinguished Professor of Economics and Public Policy, University of Rochester)
Jason N. Adsit, PhD	2010 - 2018	President, Mount Saint Mary College, Newburgh, NY, since 2018 (formerly Dean of School of Arts, Sciences, and Education at D'Youville College; and formerly Assoc. Provost, Univ. of Rochester)
Michelle Rogers, MA, EdD (pend)	2007 - present	Chief of Staff and Liaison to the Board of Trustees, University of Redlands since 2013 (formerly, Office of the President, University of Rochester)
Andrew F. Wall, PhD	2007 - present	Naslund Endowed Dean, School of Education, University of Redlands since 2014 (formerly, Associate Professor, Warner School of Education, University of Rochester)

#### TRAINEES MENTORED AS JUNIOR FACULTY

<b>Name</b>	<b>Dates Trained</b>	<b>Highest Academic Position Attained</b>
Kathryn R. Wagner, MD, PhD	1999 - 2002	Director, Center for Genetics and Muscle Disease, Kennedy Krieger Center, The Johns Hopkins University and Associate Professor of Neurology
Gary Romano, MD, PhD	1997 - 1999	Senior Director and Head, Neuroscience Biomarkers, Johnson & Johnson Pharmaceutical Research & Development
Jeffrey D. Rothstein, MD, PhD	1993 - 1996	Professor of Neurology and Director, Brain Science Institute, The Johns Hopkins University
Andrea Corse, MD	1992 - 1995	Director, Neuromuscular Clinical Laboratory, The Johns Hopkins University and Associate Professor of Neurology

## HIGHER EDUCATION FELLOWS MENTORED THROUGH THE AMERICAN COUNCIL ON EDUCATION FELLOWSHIP PROGRAM

<b>Name</b>	<b>Dates Trained</b>	<b>Highest Academic Position Attained</b>
Nancy L. Wayne, PhD	2018 - 2019	Professor of Physiology, UCLA (home); ACE Fellow, University of Redlands (host)
Ed Wingenbach, PhD	2015 - 2016	Professor of Political Science, University of Redlands (home); Provost, Rippon College, Wisconsin
Steven Bachrach, PhD	2014 - 2015	Trinity University, San Antonio, TX (home); University of Redlands (host); currently Dean of the School of Sciences, Monmouth University, NJ
Julie Buehler, MBA	2010 - 2011	University of Rochester (home); Rochester Institute of Technology (host); Deputy Chief Information Officer, University of Rochester; Vice Chancellor for Information Technology, University of Massachusetts at Amherst
Andreas Savakis, PhD	2011 - 2012	Rochester Institute of Technology (home); University of Rochester (host); currently Head of Computer Technology, RIT
Lorrie Clemo, PhD	2008 - 2009	State University of New York at Oswego (home); University of Rochester (host); currently President, D'Youville College, NY

## CLINICAL POSTDOCTORAL FELLOWS TRAINED

<b>Name</b>	<b>Dates Trained</b>	<b>Highest Academic Position Attained</b>
Charlotte J. Sumner, MD	7/1/00 - 6/30/01	Assoc. Prof. Neurology, The Johns Hopkins University
Thurman Wheeler, MD	7/1/99 - 6/30/00	Asst. Prof. Neurology, Harvard Medical School
Kathryn R. Wagner, MD, PhD	7/1/98 - 6/30/99	Director, Center for Genetics and Muscle Disease, Kennedy Krieger Center; Assoc. Prof. Neurology, The Johns Hopkins University
Nicholas J. Maragakis, MD	7/1/98 - 6/30-99	Prof. Neurology, The Johns Hopkins University; Director, ALS Center for Cell Therapy and Regeneration Research
Jennifer York, MD	7/1/97 - 6/30/98	Electrophysiology Fellow, University of North Carolina
Charles Abrams, MD, PhD	7/1/96 - 6/30/97	Director, Neuromuscular Division, Prof. Neurology, University of Illinois, Chicago
Susan Evans, MD	7/1/95 - 6/30/96	Neuromuscular Fellow, The Johns Hopkins University
Kevin M. Flanigan, MD	7/1/94 - 6/30/95	Prof. Neurology, Ohio State University
Andrew S. Blum, MD, PhD	7/1/93 - 6/30/94	Prof. Neurology, Brown University

*Clinical Postdoctoral Fellows Trained – cont.*

<b>Name</b>	<b>Dates Trained</b>	<b>Highest Academic Position Attained</b>
Jeffrey Rothstein, MD, PhD	1/1/93 - 6/30/93	Prof. Neurology, and Director of the Brain Science Institute, The Johns Hopkins University
Richard O'Brien, MD	7/1/92 - 12/30/93	Chair, and Professor, Department of Neurology, Duke University School of Medicine
Andrea M. Corse, MD	7/1/91 - 6/30/92	Assoc. Prof. Neurology and Director Neuromuscular Clinical Laboratory, The Johns Hopkins University
V. Vedanarayanan, MD	7/1/90-6/30/91	Prof. Peds, Neurology, & Pathology, University of Mississippi Medical Center, Jackson, MS
Johannes Reim, MD	7/1/89 - 6/30/90	Research Fellow, Neuromuscular, The Johns Hopkins University
Miriam L. Freimer, MD	7/1/89 - 6/30/90	Assoc. Prof. Neurology and Director of EMG Laboratory, Ohio State University College of Medicine
Paul V. Tuttle, MD	7/1/88 - 6/30/89	Neuromuscular Fellow, The Johns Hopkins University
Vinay Chaudhry, MD	7/1/87 - 6/30/88	Professor and Vice Chairman, Department of Neurology, The Johns Hopkins School of Medicine
Orlando Avila, MD	7/1/86 - 6/30/90	Senior Neuromuscular Fellow, The Johns Hopkins University
Shari deSilva, MD	4/1/86 - 6/30/88	Asst. Prof. Neurology, George Washington University, DC
Kathy Alderson, MD	7/1/85 - 6/30/88	Asst. Prof. Neurology, University of Utah, VAMC
Danny Watson, MD, PhD	7/1/84 - 6/30/85	Assoc. Prof. Neurology, Wayne State University
Betty Mintz, MD	7/1/83 - 6/30/84	Asst. Prof. Neurology, Mt. Sinai School of Medicine, NY
Emanuel Rechthand, MD	7/1/82 - 6/30/83	Senior Staff Fellow, NIH
Woon-Chee Yee, MD	7/1/81 - 4/30/86	Prof. of Neurology, Singapore Institute of Neuroscience

**POSTDOCTORAL RESEARCH FELLOWS TRAINED**

<b>Name</b>	<b>Dates Trained</b>	<b>Highest Academic Position Attained</b>
Andrea M. Corse, MD	7/1/92 - 6/30/93	Assoc. Prof. Neurology and Director, Clinical Neuromuscular Laboratory, The Johns Hopkins University
Masako M. Bilak, PhD	12/1/96 - 5/30/02	Research Associate, The Johns Hopkins University
Stephan R. Bilak, PhD	12/15/98 - 6/21/00	Postdoctoral Research Fellow, The Johns Hopkins University

**NEUROLOGY RESIDENT RESEARCH TRAINEES**

<b>Name</b>	<b>Dates Trained</b>	<b>Highest Academic Position Attained</b>
Sarah DeRossett, MD, PhD	1991	Assoc. Prof. Neurology, Emory University (winner, Jay Slotkin Award for Excellence in Research, 1991); Senior Medical Director, MedPace Clinical Research Organization, Clinical Trials Services
Muhammed Al-Lozi, MD	1990	Prof. Neurology, Washington University of St. Louis (Preziosi Award for Clinical Excellence, 1990)
Jeffrey Rothstein, MD, PhD	1988 - 1989	Prof. Neurology, and Director of the Brain Science Institute, The Johns Hopkins University (winner, Jay Slotkin Award for Excellence in Research, 1989)

**UNDERGRADUATE, MEDICAL STUDENT, and other POSTGRADUATE RESEARCH TRAINEES**

<b>Name</b>	<b>Dates Trained</b>	<b>Highest Academic Position Attained</b>
Ilan Wittstein, MD	1989 - 1990	Medical student; Asst. Prof. Medicine (Cardiology), The Johns Hopkins University (winner, Henry Strong Dennison Scholarship for medical student research)
Winston Wiggins	1986 - 1990	Post graduate; Director, EM Lab, King Abdul Azziz University, Saudi Arabia; Director Electron Microscopy, Cedars Sinai Hospital
Greg Duncan, MD	1986 - 1987	Medical student; Chief Res. in Orthopedics, UCLA School of Medicine
Eric Wisch	2009 - 2010	Undergraduate, University of Rochester; Kauffman Entrepreneurial Year
David Kotlyar, MD	2002	Undergraduate, The Johns Hopkins University; medical student and resident, University of Pennsylvania; Clinical Fellow, NIH.
David Ibrahim, MD	2001	Undergraduate, The Johns Hopkins University; resident in orthopaedics and sports medicine, University of Washington, Seattle
Brian Moss, DO	2000	Undergraduate, University of Illinois; Active Medical Staff, Northwest Community Hospital, Arlington Heights, IL

*Undergraduate, Medical Student, And Other Postgraduate Research Trainees – cont.*

<b>Name</b>	<b>Dates Trained</b>	<b>Highest Academic Position Attained</b>
David A. Shifrin, MD	1999	Undergraduate, University of Illinois; became medical student, Loyola University School of Medicine; surgery resident, Michigan State University; Fellow, reconstructive microsurgery, University of Wisconsin; private practice, reconstructive surgery, Chicago
Rebecca Meyer, MD	1997 - 1998	High school student; became combined BA-MD student, University of Pittsburgh; pediatrics private practice, San Diego
David Wu	1993	Medical student, The Johns Hopkins University; urology practice, Hackensack UMC, Mountainside, NJ
Scott E. Eggener, MD	1992	Undergraduate (project earned honors in Biology, Univ. Ill. Urbana-Champaign); became Professor of Surgery/Urology, University of Chicago and Co-Director of Urologic Oncology Fellowship Program
Benjamin T. White, MD	1991	Undergraduate; became resident, The Johns Hopkins University; neurosurgeon in practice, Mercy Hospital, Oklahoma City, OK
Raymond Chang, MD	1990, 1991	Undergraduate; became President Institute of East-West Medicine, NY
Mohamed Lehar, MD	1990 - 2000	Research Associate, The Johns Hopkins University