

**CURRICULUM VITAE****Richard McGee, Jr., Ph.D.****Home Address:**

5747 N Sheridan Rd, Unit L  
 Chicago, IL 60660  
 Cell Phone: (773) 316-9559

**Work Address:**

Associate Dean, Faculty Recruitment and Professional Development  
 Northwestern University, Feinberg School of Medicine  
 420 E. Superior Ave., Rm. 12-129  
 Chicago, IL 60611-3152  
 Phone: (312) 513-1737  
 E-mail: [r-mcgee@northwestern.edu](mailto:r-mcgee@northwestern.edu)

U.S. Citizen, birthdate June 24, 1949, Minneapolis, Minnesota

**EDUCATION**

- 1971 University of Minnesota, College of Biological Sciences, B.S. *summa cum laude* - Biochemistry
- 1975 University of Iowa, College of Medicine, PhD - Biochemistry

**POSTDOCTORAL TRAINING**

- 1975-1977 NIGMS/NIH, Pharmacology Research Associate Training Program - Postdoctoral research with Dr. Marshall Nirenberg
- 1985-1986 The University of Nottingham, Department of Zoology, Nottingham, England  
 Sabbatical – patch clamp studies with Professor Peter Usherwood
- 1985-1986 The University of Nottingham, School of Education, Nottingham, England -  
 Directed study in educational psychology, learning theory and counseling
- 1986 The University of Nottingham, School of Education, Nottingham, England  
 "Counseling in the Academic Setting" - Course on therapeutic counseling skills for educators
- 1994 Juran Institute, trained facilitator and group leader for Continuous Quality Improvement processes

**FACULTY APPOINTMENTS**

- 1977-1982 Assistant Professor, Georgetown University Schools of Medicine and Dentistry, Washington, DC, Department of Pharmacology
- 1982-1987 Associate Professor, with tenure, Georgetown University
- 1987-1991 Associate Professor, with tenure, Medical College of Ohio at Toledo, Toledo, OH, Department of Pharmacology
- 1991-2003 Associate Professor, with tenure equivalent, Mayo Clinic College of Medicine, Rochester, MN, Department of Pharmacology
- 2005-present Adjunct Professor, University of Puerto Rico, Medical Sciences Campus, San Juan, PR, Medical Sciences
- 2007-present Associate Professor, Northwestern University, Feinberg School of Medicine, Chicago, IL, Medical Education

**ADMINISTRATIVE APPOINTMENTS****Georgetown University, Schools of Medicine and Dentistry**

1986-1987	Training Director - NIH Training Grant in Pharmacologic Sciences
1986-1987	Director of the Pharmacology Graduate Program
1985-1987	Training Director - NIH Training Grant - Short-term Research Training for Minority Students in Health Professional School
1987	Chairperson - Basic Science Graduate Directors Group

**Medical College of Ohio at Toledo**

1987-1991	Associate Dean for Student Affairs
1987-1991	Financial Aid Administrator - Administered 5 million dollar financial aid program

**Mayo Clinic College of Medicine, Mayo Graduate School**

1991-2003	Associate Dean for Student Affairs, Mayo Graduate School
1991-2003	Director, Office of Minority Student Affairs, Mayo Clinic College of Medicine
1991-2003	Co-Director, MD/PhD Program
1991-2003	Director, Summer Undergraduate Research Fellowships Program
1996-2003	Program Director, Initiative for Minority Student Development (IMSD), "Training in Translational Research - Bench to Bedside" - NIGMS/NIH
1999-2003	Associate Director, Clinical Research Training Program

**National Institutes of Health, Graduate Partnerships Program, Bethesda, MD**

2003-2007	Director of Student Affairs
2006-2007	Acting Director

**Northwestern University, Feinberg School of Medicine**

2007-present	Associate Dean for Faculty Recruitment and Professional Development
2008-present	Program Director, Collaborative Learning and Integrated Mentoring in the Biosciences (CLIMB) Program and NIH funded Initiative for Maximizing Student Development (IMSD)

**COMMITTEE SERVICE****Georgetown University, Schools of Medicine and Dentistry**

1977-1987	Pharmacology Department Graduate Committee
1979-1985	Medical School Committee on Students
1980-1987	Chair, Medical School Subcommittee on Academic Guidance (Promotions Committee)
1981-1982	Search Committee for Chairman of Biochemistry
1981-1986	Graduate School Research Council
1982-1987	GEMS Advisory Board
1985	Medical School Task Force on Curriculum Revision
1986-1987	Medical School Committee on Education

Medical College of Ohio at Toledo

1987-1990	Medical School Admissions Committee
1987-1991	Student Promotions Committee
1987-1991	Financial Aid Committee
1988-1989	Subcommittee on Computers in Medical Education
1988-1991	Chairperson, Substance Abuse Education Committee
1988-1991	Subcommittee on Curriculum, Years 1 and 2
1989-1991	Drug Free Workplace, School and Campus Committee - Chair 1990-1991
1990	Admissions Process Review Committee
1990	LCME Accreditation - Self-Study Committee on Students
1990-1991	Computer Needs Committee

Mayo Clinic College of Medicine

1991-1995	Mayo Rochester Diversity Committee
1991-2000	Medical School Admissions Committee
1991-2003	Graduate School Education Committee
1991-2003	Graduate School Executive Committee
1991-2003	M.D.-Ph.D. Program Committee
1992-1996	Medical School Faculty Development Committee
1992-1996	Video Systems Management Subcommittee
1992-2003	Minority Student Recruitment Advisory Committee, Chair
1993-1995	Mayo Foundation Diversity Committee
1993	Mayo Medical Center Librarian Search Committee
1993-2001	Visiting Medical Student Clerkship Committee
1994-1999	Diversity in Clinical Research Committee
1994-2001	Mayo Foundation Library Committee
1995-1997	Mayo Cancer Center Education Committee
1995-1999	Mayo Rochester Research Committee, Personnel Subcommittee - Chair 1998-99
1997-1998	Marketing Committee Internet Task Force
1997-1999	Higher Learning Commission Institutional Accreditation Self-Study Coordinator
1997-2001	Mayo Foundation Faculty Development Committee
1997-2003	Mayo Foundation Ethical Conduct of Research Committee
1998	Education Technology Task Force
1998-1999	Mayo Rochester Research Committee
1999-2003	Mayo Foundation Internet Policy Committee
2000-2001	Education Grants Office Implementation Team - Chair
2002	Associate Dean for Faculty Development Search Committee, Chair
2002-2003	Faculty Development Leadership Committee
2003	Education Grants Office Director Search Committee, Chair

Northwestern University, Feinberg School of Medicine, Chicago, Ill – February 2007-present

2007-present	Science and Engineering Committee on Multicultural Affairs
2008-present	Provost's Faculty Diversity Committee
2009-present	Leadership team for NIH-funded Institutional Research and Career Development Award (IRACDA) – diversity-focused postdoctoral training grant to integrate training in research and teaching
2009-present	Member of design and writing group, and Advisory Committee for HHMI Undergraduate Science Program - "NU Bioscientist Program" funded starting September, 2010
2009-present	Member of core design and writing group for NSF ADVANCE proposal, collaboratively submitted with the University of Chicago – lead designer of Evaluation Plan – proposal not funded but collaboration ongoing with pilot joint activities to support success of women science faculty and study of 'microclimates' of science departments
2009-present	NUCATS Center for Education and Career Development Steering Committee
2010	FSM Education Pipeline Task Force

**AWARDS**

1976	Clarence P. Berg Award, Department of Biochemistry, University of Iowa - recognizes top graduate student during each two year period
1981-1986	Research Career Development Award, NINCDS/NIH
1985	Crystal Award from the Minority Affairs Committee of the Student National Association - recognition of support of minority medical students Medical
1987	Copper Cupula Award from the graduate students of the Department of Pharmacology, Georgetown University - recognized for support of graduate students
1998	"Mentor of the Year" Award from Delaware State University MARC Program
1999	Mayo Graduate School Dean's Recognition Award
2010	University of Iowa, Carver College of Medicine, Distinguished Alumni Achievement Award

**PROFESSIONAL SOCIETY MEMBERSHIPS**

1977-1989	Society for Neuroscience
1980-2003	American Society for Pharmacology and Experimental Therapeutics
1988-1991	Ohio Association of Financial Aid Administrators
1992-1996	National Association of Medical Minority Educators
2004-2007	American Society for Biochemistry and Molecular Biology
2008-present	American Society for Cell Biology

**PROFESSIONAL AND SCIENTIFIC SERVICE**National Science Foundation (NSF)

1978	Biochemistry/Biophysics Predoctoral Fellowship Review Panel
1979	Biochemistry Postdoctoral Fellowship Review Panel

National Institutes of Health (NIH)

1981	Review Panel for Pharmacology Research Apprentice Training Program, NIGMS
1983	Biomedical Sciences - International Awards study section
1987,1989	ADAMHA Ad Hoc Reviewer
1997	NIGMS Special Emphasis Panel - MBRS/Initiative for Minority Student Development (IMSD)
1998	NIGMS/MARC - site visitor and ad hoc Study Section member
1998	"Evaluation Exploration Conference" for MARC and MBRS Program Directors Invited speaker and program facilitator
2000	"Evaluation Exploration Conference" for NIGMS Bridges Program Directors Speaker and program facilitator
2000	"Qualitative Evaluation: Methods and Practices"- Invited presenter and session organizer - NIGMS/NIH Initiative for Minority Student Development Program Directors Conference
2000	Fogarty Minority International Research Training (MIRT) Special Emphasis Panel
2001-2003	NIGMS Special Emphasis Panel - MBRS/Initiative for Minority Student Development (IMSD)
2001-2003	NIGMS Special Emphasis Panel - MARC Postbaccalaureate Research Education Programs (PREP)
2002	"Evaluation Workshop" - NIGMS Bridges Program Directors Meeting
2002	"Conference for Evaluators of MORE Programs", NIGMS - Group facilitator
2002	NCMHD Special Emphasis Panel - Centers of Excellence in Partnerships for Community Outreach, Research on Health Disparities and Training (Project EXPORT) - Special Emphasis Panel
2002	"Improving Student Selection: Qualitative Research to Identify Key Characteristics of Students Who Persist into PhD and MD/PhD Training", NIGMS National Advisory Council
2003	NIH Office of Extramural Programs and ORI - Responsible Conduct of Research Expert Panel - Invited participant and facilitator
2003	NIH CSR Special Emphasis Panel - Postdoctoral Fellowships for Minority Students and Students with Disabilities
2003	NINDS/ORI Special Emphasis Panel - Research on Research Integrity
2003-2006	ORI/NIH Special Emphasis Panel – Research on Research Integrity
2004	“Creating the Future for Bridges” – Creator and facilitator for strategic planning process at the national meeting of the NIH “Bridges to the Baccalaureate” and “Bridges to the Doctorate” Program Directors meeting
2004-2005, 2009	NIGMS Special Emphasis Panel – Efficacy of Interventions to Promote Research Careers
2010	NIMH Special Emphasis Panel - “Seeding National Mentoring Networks to Enhance Diversity in the Mental Health Research Workforce (U24)”

American Heart Association, Ohio Affiliate

1987-1991	Grant Review Panel
1987-1991	Northwest Region Research Advisory Board
1991-1993	State-wide Research Committee

Association of American Medical Colleges (AAMC)

1988-1990	Central Region Group on Student Affairs (GSA): Elected Member-at-Large – Central GSA Steering Committee
1988-1991	Financial Aid Committee
1989-1991	Associate Editor, <i>Central Student Affairs Reporter</i> (newsletter)
1991-2003	Minority Affairs Section, Group on Student Affairs - Medical School Representative
1995-present	Graduate Research Education and Training (GREAT) Group
1997-1999	AAMC Expanded Minority Admissions Exercise - Workshop facilitator/presenter
1998-2003	Elected Steering Committee member
2000	Co-creator and Co-facilitator - Strategic Planning process at the Annual meeting of the GREAT Group, "Health Professions Partnerships Initiative Evaluation Summit" - Invited speaker and program facilitator
2002-2003	Elected Chair-Elect - 2001, Chair
2003	"Envisioning GREAT: Visions of the Future of Biomedical Research Education and Training"

American Society for Pharmacology and Experimental Therapeutics

1991-1997	Subcommittee on Minorities
-----------	----------------------------

External Evaluator/Evaluation Consultant

1998-2003	University of Texas at San Antonio - MARC, MBRS SCORE and RISE programs
1999-2003	San Jose State University MARC Program
2000-present	Hunter College of CUNY - MARC and MBRS RISE programs - Chair, External Advisory Committee
2001-2003	University of Puerto Rico, College of Medicine, Dean's Advisory Committee Consultant/Evaluator
2002	Delaware State University MARC Program
2002-2003	University of Hawaii MBRS IMSD Program
2002-present	University of Iowa – Initiative for Minority Student Development – External Advisory Committee
2003	"Building Collaboration Across our Schools" - Appreciative Inquiry process facilitator - retreat of the Northeastern Minnesota Community Colleges Presidents and Administrators
2007	Virginia Commonwealth University, Medical College of Virginia – External Reviewer for the State Council of Higher Education of Virginia – Proposal to create new PhD program in Clinical and Translational Sciences
2007	Benedictine University – Consultant for creation of an Evaluation Plan for a proposed new degree – Bachelor of Business Administration Business with Science Applications
2007	University of San Antonio MARC, MBRS SCORE and RISE programs
2008	University Council of Jamaica – External Accreditation Team for Master of Science in Biology – Northern Caribbean University

Higher Learning Commission (HLC) – Regional Accrediting Body

2000-present	Consultant-Evaluator for institutional accreditation
2002	Benedictine College, Illinois – (100 people)
2002	Northern Michigan University, Michigan – (900 people)
2002-2006	Academic Quality Improvement Project (AQIP) - Facilitator for "Strategy Forums" for schools seeking accreditation via AQIP
2002-2004	Leader for "Vital Focus" Campus Conversation Days – campus-wide structured conversations that involve every faculty and staff member on campus 2002 - Northern Michigan University – (950 people) 2003 - Hennepin Technical College, Minnesota – (250 people) 2003 - Garden City Community College, Kansas – (150 people) 2003 - Lake Superior College, Minnesota – (200 people) 2004 - Phillips Community College, Arkansas – (200 people) 2004 - Upper Iowa University, Iowa – (150 people) 2004 - Evangel University, Missouri – (240 people)
2004-2005	"Assessment of Student Learning Think Tank" – Invited participant in re-examination and refinement of assessment of student achievement/learning in accreditation and institutional processes
2008	"Assessment of Complex Student Learning and Development Using Structured Interviews" – Selected workshop for the 2008 Annual Meeting

American Society for Biochemistry and Molecular Biology (ASBMB)

2004-2007	Education and Professional Development Committee
-----------	--

Howard Hughes Medical Institute (HHMI)

2006	HHMI "Med into Grad Initiative" – training programs in translational research – Review Panel
------	--

American Society for Cell Biology

2007, 2008	"Are our Traditional Mentor-Based Models of Training no Longer Enough...or Mentors, Coaches and Olympic Athletes" – American Society for Cell Biology, Minority Affairs Committee, Professional Development Conference for Young Faculty
------------	--

National CTSA Initiatives

2009-present	Mentor/Mentee Competencies White Paper
2009-present	Mentor Training Trial – Curriculum Design Group and Trial Site Facilitator

Journal Reviewer

2008-present	CBE Life Sciences Education
2008-present	Accountability in Research

**TEACHING****Georgetown University, School of Medicine, Department of Pharmacology**

1977-1987      *Department of Pharmacology:*  
 Pharmacology for Medical Students  
 Pharmacology for Dental Students  
 Cellular Physiology – Prematriculation Program  
*Graduate Courses:*  
 Cell Pharmacology – Molecular Mechanisms of Drug Action  
 Advanced Topics in Pharmacology  
 Advanced Experimental Techniques in Pharmacology  
*Georgetown Experimental Medical Studies (GEMS) Program:*  
 Educational Coordinator and faculty for this novel educational model for students from educationally disadvantaged backgrounds  
 Survival Training – Seminars for medical, dental, undergraduate and high school students on learning theory, study skills, and test taking

**Medical College of Ohio at Toledo**

1987-1991      *Department of Pharmacology:*  
 Pharmacology for Medical and Dental Students  
 Review of Pharmacology for Medical Students  
*Graduate Courses:*  
 Introduction to Pharmacology Research  
 Ion Channels and Second Messenger Systems  
*Student Affairs:*  
 Implemented group study program with peer facilitators  
 Instructing students in academic difficulties about alternate learning/study strategies  
 Workshops (GLAXO Pathway Evaluation Program) on choosing a medical specialty  
 Developed new curriculum in substance abuse education for medical students  
 Developed new system for analysis of student evaluation of basic science courses

**Mayo Clinic College of Medicine**

1998-2003      “Research Protocol Development”  
 1993-2003      “Responsible Conduct of Research” – course originator and co-director  
 1997,1998      “Fundamentals of Cell Structure and Function” (for Biomedical Imaging students)

**University of Puerto Rico, Medical Sciences Campus**

2001-present      “Designing and Writing Clinical Research Protocols” – course taught to mixed group of health professionals through combination of in-person and distance education



NIH Graduate Partnerships Program

2005-2007 “Teaching and Learning Graduate Student Interest Group”

Postdoctoral Research Associates Supervised

1984-1985 Vivian S. Zabrenetzky, Ph.D.

1984-1985 Elizabeth M. McHugh, Ph.D.

1986-1987 Eleanor DeLorme, Ph.D.

2009-present Ebony O. McGee, Ph.D. (part-time through 2010, full time 2011-2012)

PhD Students Supervised (degree dates)

1981 Thomas P. Williams

1982 Carolyn S. Rabe

1983 Jeffrey Love – Co-supervisor

1986 Denise Robinson

1986 Eleanor DeLorme

1991 Alfredo Narvaez

**RESEARCH GRANTS/CONTRACTS**Current Grant Support

NIGMS/NIH – R25 GM079300-03S1 – “Mentoring for Success: Developing Fundamental Skills for Biomedical Research” – PD – ARRA Supplement - \$117,000 Direct Costs – 9/1/2000 -2/28/2011

NIGMS/NIH – R25 GM079300 – “Mentoring for Success: Developing Fundamental Skills for Biomedical Research” – PD - \$486,000 Direct Costs per year – 3/1/2007-2/28/2011 – NOTE – Competing Renewal pending with excellent score

NIGMS/NIH – R01 GM085385 – “Career Decision-making of Future Minority Biomedical Faculty” – PI - \$226,200 Direct Costs per year – 8/1/2008-7/31/12

NIGMS/NIH – R01 GM085385-02S1 – “Career Decision-making of Future Minority Biomedical Faculty” – PI – ARRA Supplement - \$155,300 Direct Costs per year – 8/10/2009-7/31/11

NINR/NIH – R01 NR011987 – “Pivotal Career Decisions Guiding Potential Women Science Faculty” – PI - \$229,000 Direct Costs per year – 9/2009-7/2013

NIGMS/NIH – DP4 GM096807 – NIH Director’s Pathfinder Award – “Translating Theory to Practice to Diversify the Biomedical Research Community” – PI - \$2 million total costs – 9/30/2010-9/29/2013

Previous Support in Past 5 Years

NHLBI/NIH – T35 HL07766 – “Institutional Short-term Training for Minority Students” - Training Director - \$63,000 per year – 9/30/92-8/31/07

NIGMS/NIH – R25 GM55252 – Initiative for Minority Student Development – “Training in Translational Research – Bench to Bedside” – Training Director – Approximately \$600,000 per year -9/30/96-2/28/05

NHLBI/NIH – K30 Clinical Research Curriculum Award, “Mayo Clinical Research Training Program”, Co-Director, \$200,000 per year, 1999-2005

NIGMS/NIH – R25 GM55252S1 – Initiative for Minority Student Development – “Training in Translational Research – Bench to Bedside” – Training Director – Supplement for Qualitative Research on Characteristics that predict persistence of college students into PhD and MD/PhD programs - \$75,000 per year – 3/1/02-2/28/05

NIGMS/NIH – S06 GM064127 – “Great Lakes Native American Research Center for Health” Great Lakes Intertribal Council – Co-Investigator for the Student Development portion of the grant – 8/02-8/06

## SCHOLARLY BIBLIOGRAPHY

### Original, Peer-Reviewed Research Articles

#### Laboratory Research Publications

1. Brenneman, D.E., McGee, R. and Spector, A.A.: Cholesterol metabolism in the Ehrlich ascites tumor. (1974) *Cancer Res.* 34, 2605-2611.
2. McGee, R. and Spector, A.A.: Short-term effects of free fatty acids on the regulation of fatty acid biosynthesis in Ehrlich ascites tumor cells. (1974) *Cancer Res.* 34, 3355-3362.
3. Brenneman, D.E., McGee, R., Liepkalns, V.A. and Spector, A.A.: Cholesterol ester accumulation in Ehrlich cells induced by saturated fats. (1975) *Biochem. Biophys. Acta* 388, 301-304.
4. McGee, R. and Spector, A.A.: Fatty acid biosynthesis in Ehrlich cells – the mechanism of short-term control by exogenous free fatty acids. (1975) *J. Biol. Chem.* 250, 5419-5425.
5. McGee, R., Brenneman, D.E. and Spector, A.A.: Regulation of fatty acid biosynthesis in Ehrlich cells by ascites tumor plasma lipoproteins. (1977) *Lipids* 12, 66-74.
6. McGee, R., Simpson, P., Christian, C., Mata, M., Nelson, P. and Nirenberg, M.: Regulation of acetylcholine release from neuroblastoma x glioma hybrid cells. *Proc. Nat. Acad. Sci. USA* (1978) 75, 1314-1318.
7. McGee, R. and Schneider, J.E.: Inhibition of high affinity synaptosomal uptake systems by verapamil. *Molec. Pharmacol.* (1979) 16, 877-885.
8. McGee, R., Smith, C., Christian, C., Mata, M., and Nirenberg, M.: A New capillary tube system for measuring the uptake and release of materials from cultured cells. *Anal. Biochem.* (1980) 101, 320-326.
9. McGee, R.: Choline uptake by the neuroblastoma x glioma hybrid, NG108-15. (1980) *J. Neurochem.* 35, 829-837.
10. Rabe, C.S., Williams, T.P. and McGee, R.: Enhancement of depolarization-dependent release of norepinephrine by an inhibitor of S-adenosyl-methionine-dependent transmethylations. (1980) *Life Sci.* 27, 1753-1759.
11. McGee, R.: Membrane lipid fatty acid modification of the neuroblastoma x glioma hybrid, NG108-15. (1981) *Biochem. Biophys. Acta* 663, 314-328.
12. Saum, W., McGee, R. and Love, J.: Alteration of the action potential of tissue cultured neural cells by growth in the presence of a poly-unsaturated fatty acid. (1981) *Cell. Mol. Neurobiol.* 1, 319-324.
13. Williams, T. P. and McGee, R.: The effects of membrane fatty acid modification of clonal pheochromocytoma cells on depolarization-dependent exocytosis. (1982) *J. Biol. Chem.* 257, 3491-3500.
14. Schwartz, R.D., McGee, R. and Kellar, K.J.: Nicotinic cholinergic receptors labeled by [<sup>3</sup>H]-acetylcholine in rat brain. (1982) *Molec. Pharmacol.* 22, 56-62.
15. McGee, R. and Kenimer, J.G.: The effects of unsaturated fatty acids on opiate receptors, prostaglandin E<sub>1</sub> receptors and adenylate cyclase activity of neuroblastoma x glioma hybrid cells. (1982) *Molec. Pharmacol.* 22, 360-368.

16. Rabe, C.S., Schneider, J. and McGee, R.: Enhancement of depolarization-dependent neurosecretion from PC12 cells by forskolin-induced elevation of cyclic AMP. (1982) *J. Cyclic Nucl. Res.* 8, 371-384.
17. Rabe, C.S. and McGee, R.: Regulation of depolarization-dependent release of neurotransmitters by adenosine: cyclic AMP-dependent enhancement of release from pheochromocytoma cells, clone PC12. (1983) *J. Neurochem.* 41, 1623-1623
18. McGee, R. and Liepe, B.: Acute elevation of cyclic AMP does not alter the ion-conducting properties of the neuronal nicotinic acetylcholine receptor of PC12 cells. (1984) *Mol. Pharmacol.* 26, 51-56.
19. Robinson, D.E. and McGee, R.: Agonist-induced regulation of neuronal nicotinic acetylcholine receptors on PC12 cells. (1985) *Mol. Pharmacol.* 27, 409-417.
20. McHugh, E.M., McGee, R. and Flemming, P.J.: Sulfation and constitutive secretion of dopamine beta-hydroxylase from rat pheochromocytoma (PC12) cells. (1985) *J. Biol. Chem.* 260, 4409-4417.
21. Eardley, D.E. and McGee, R.: Both substance P agonists and antagonists inhibit ion conductance through nicotinic acetylcholine receptors of PC12 cells. (1985) *Eur. J. Pharmacol.* 114, 101-104.
22. Love, J.A., Saum, W.R. and McGee, R.: The effects of exposure to exogenous fatty acids and membrane fatty acid modification on the electrical properties of NG108-15 cells. (1985) *Cell. And Molec. Neurobiol.* 5, 333-352.
23. McHugh, E.M. and McGee, R.: Direct anesthetic-like effects of forskolin on the nicotinic acetylcholine receptors of PC12 cells. (1986) *J. Biol. Chem.* 261, 3103-3106.
24. DeLorme, E.M. and McGee, R.: Regulation of voltage-dependent Ca<sup>++</sup> channels by chronic changes in membrane potential. (1986) *Brain Res.* 397, 189-192.
25. DeLorme, E.M. and McGee, R.: The effects of prolonged depolarization on the nicotinic acetylcholine receptor of PC12 cells. (1988) *J. Neurochem.* 50, 1248-1252.
26. DeLorme, E.M., Rabe, C.S. and McGee, R.: Regulation of the number of functional voltage-sensitive Ca<sup>++</sup> channels on PC12 cells by chronic changes in membrane potential. (1988) *J. Pharmacol. Expt. Therap.* 244, 838-843.
27. McGee, R., Sansom, M.S.P. and Usherwood, P.N.R.: Characterization of a delayed rectifier K<sup>+</sup> channel in NG108-15 neuroblastoma x glioma cells: gating kinetics and the effects of enrichment of membrane phospholipids with arachidonic acid (1988) *J. Membrane Biol.* 102, 21-34.
28. Ball, F.G., McGee, R. and Sansom, M.S.P.: Analysis of post-perturbation gating kinetics of single ion channels. (1989) *Proc. R. Soc. Lond.* 236, 29-52.
29. Sansom, M.S.P., Ball, F.G., Kerry, C.J., McGee, R., Ramsey, R. and Usherwood, P.N.R.: Markov, fractal, diffusion and related models of ion channel gating – A comparison with experimental data from two ion channels. (1989) *Biophys. J.* 56, 1229-1243.
30. Xie, Z., Wang, Y., Ganjeizadeh, M., McGee, R. and Askari, A. Determination of total (Na<sup>+</sup>+K<sup>+</sup>)-ATPase activity of isolated or cultured cells. (1989) *Anal. Biochem.* 183, 215-219.

#### Qualitative Research and Other Education-Related Publications

1. McGee, R. and DeLong, M.J.: Collaborative PhD dissertations spanning multiple mentors and institutions: Impacts on student development. (2007) *CBE- Life Sciences Education* 6, 119-131.
2. McGee, R. and Keller, J.L.: Identifying Future Scientists: Predicting persistence into research training. (2007) *CBE-Life Sciences Education* 6, 316-331.
3. McGee, R., Almquist, J, Keller, J.L. and Jacobsen, S. J.: Teaching and Learning Responsible Research Conduct: Influences of Prior Experiences and Conflicting Messages. (2008) *Accountability in Research* 15, 30-62.

**Editorials, Reviews, Chapters, Books, Commentaries**

1. McGee, R.: Regulation of presynaptic cellular function – biochemical studies using clonal neuronal cells. (1980) *Mol. Cell. Biochem.* 33, 121-133.
2. Rabe, C. S. and McGee, R.: The effects of methylation inhibitors on depolarization-dependent exocytosis, phospholipid methylation and protein carboxymethylation in clonal pheochromocytoma cells. In “The Biochemistry of S-Adenosylmethionine and Related Compounds” Usdin, E., Borchardt, R.T. and Creveling, Cd.R. eds., MacMillan Press, Ltd. 1982.
3. McGee, R. and Tangalos, E.G.: Delivery of health care to the underserved: Potential contributions of telecommunications technology. (1994) *Mayo Clinic Proc.* 69, 1131-1136.
4. McGee, R. and Cody, H.H.: Cultivating Mentors. (1995) *Winds of Change*, 10, 32-35.
5. Tangalos, E.G., McGee, R. and Bigbee, A.W.: Use of the new media for medical education. (1997) *J. Telemedicine and Telecare*, 3, 40-47.
6. McGee, R.: Choosing and Working with a Mentor: A Workshop Highlighting Underlying Themes Students (and Mentors) Often Don’t Think About” (1999) *Council on Undergraduate Research (CUR) Quarterly*, 20:2, 82-87.
7. McGee, R. Graduate School in the Science: How do you know when it’s the time to go and what should expect when you get there? (2003) *10<sup>th</sup> Annual College Guide for American Indians*, pp. 82-85.
8. Randriamahefa, A., Fernandez-Zapico, M., Mladek, A.C., Evans, L., Melbourne, L, Osborne, S., Cochran, R.L., Knight, M., Beckford, D., Gullo, S., Paul, A., McGee, R., and Urrutia, R.: The First Initiative Targeted to Increase the Training of African-American Scientists in Pancreatic Cancer Research: The Mayo Clinic College of Medicine –Oakwood College Alliance (2005) *Pancreas* 30, 288-291.

**RECENT INVITED PRESENTATIONS**

- |                     |  |
|---------------------|--|
| 2006                | “Changing the Face of Doctoral Research” – Nursing Education Exchange (NEXus)  |
| 2008                | “Minimizing, Managing, and Avoiding Conflict of Interest in Biomedical Research” – University of Puerto Rico Biomedical Sciences PhD Program, Medical Sciences Campus  |
| 2008, 2009,<br>2010 | “The Ins and Outs of Time between College and Graduate School... the Postbaccalaureate Experience” – Annual Biomedical Research Conference for Minority Students (ABRCMS)                                      |
| 2008, 2009          | “How Will You Teach Those You Supervise to Conduct Research Responsibly and Ethically?” – American Society for Cell Biology, Minority Affairs Committee, Professional Development Conference for Young Faculty |
| 2009                | “Effective Evaluation Strategies: Big Impacts from Modest Investments” – University of Minnesota, Duluth, School of Medicine   |
| 2009                | “Identifying and Developing Talents of Students from Atypical Backgrounds” – University of Minnesota, Duluth, School of Medicine   |
| 2009                | “Identifying and Developing Faculty Talent(s)” – Vanderbilt University, Department of Pediatrics, Grand Rounds   |
| 2009                | “Competencies at the Level of the Individual: Assessment of Observable and Measurable Bits” – Annual meeting of Group on Graduate Research Education and Training (GREAT Group)                                |
| 2009                | “Scientific Misconduct: Policies, Practices and Building an Ethical Culture” – National Association of College and University Attorneys (NACUA), Panelist  |
| 2010                | “Rethinking Diversity in Science as a Science in Itself” – Invited Keynote for Diversity Session – Associate for Research in Vision and Ophthalmology (ARVO) national conference                               |

- 2010 "Keys to Writing Successful NIH Fellowship and Grant Applications" – University of Puerto Rico Medical Sciences Campus, Research Initiative for Scientific Enhancement (RISE) Retreat
- 2010 "How to Select Students who Will Pursue PhD Programs" – NIH Minority Opportunities in Research (MORE) Division, Program Directors "How To Conference"
- 2010 "Identifying and Developing Talented Young Scientists: Turning an Art into a Science" – University of Buffalo, Department of Pharmacology and Toxicology
- 2010 "Graduate Student Diversity – Discovering Potential in Students from Atypical Backgrounds" – University of Buffalo, Department of Pharmacology and Toxicology
- 2010 "Taking Control of Your Future: Succeeding in a Mentor-Based World" – University of Buffalo, Department of Pharmacology and Toxicology
- 2011 "Creating a Mentoring Culture in a Fellowship Program: Bringing Darwin and Intelligent Design Together in Fellowship Training" – American College of Dermatology Program Directors Annual Meeting
- 2011 "How to Select Students Likely to Pursue PhD Programs" – University of Medicine and Dentistry of New Jersey, Robert Wood Johnson School of Medicine
- 2011 "Mentoring Graduate Students: A new view on an old topic" – University of Medicine and Dentistry of New Jersey, Robert Wood Johnson School of Medicine
- 2011 "Teaching and Mentoring Faculty in Grant Writing" – University of Medicine and Dentistry of New Jersey, Robert Wood Johnson School of Medicine