

Curriculum Vita

Robert B. Tallitsch, Ph.D.

1. Contact information:

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2. Education and experience:

a. Education:

B.A., Biology, North Central College, Naperville IL. 1971

M.S., Physiology (Anatomy minor), University of Wisconsin–Madison, 1972

Ph.D., Physiology (Anatomy minor), University of Wisconsin–Madison, 1975

b. Experience:

Professor, Augustana College Biology Department, 1992–present

Professor, Augustana College Asian Studies Program, 1992–present

Biology Scholars Assessment Residency Fellow, 2014–present

Reviewer: PBL Clearinghouse, 2003–present

Mentor, American Association of Anatomists, 2011–present

Visiting Senior Foreign Expert, College of Biological Science, Central China

Normal University, Wuhan, PRC, February, 2003–April, 2003

Associate Professor, Augustana College Biology Department, 1983–1992

Associate Professor, Augustana College Asian Studies Program, 1989–1992

Visiting Assistant Professor, Department of Cardiology, Johns Hopkins College
of Medicine, Baltimore Maryland. May 1982–September, 1982

Career Development Fellow, National Institutes of Health, Gerontology Research
Center, National Aging Institute, Baltimore Maryland, May 1982–September,
1982

Assistant Professor, Augustana College Biology Department, 1975–1983

3. Current courses:

Biology 351: Human Anatomy

Biology 354: Histology

Biology 358: Neuroanatomy

Biology 455: Cadaver Dissection

Asian Studies 305: Traditional Chinese Medicine

4. Professional activities and accomplishments:

a. Professional Societies:

National Society of Microbiology Biology Scholars Fellow

Assessment Fellow, 2014–2019

Member: American Association of Anatomists
Career Development Mentor, 2012 to present
Member: American Association of Clinical Anatomists
Member, Educational Affairs Committee, American Association of Clinical Anatomists. 2013-2016
Vice Chair, Educational Affairs Committee, American Association of Clinical Anatomists, 2014-2015
Member: Federation of Societies of Experimental Biology
Member: American Physiological Society
Member, Physiology Education Committee, 2000–2008
Member: Human Anatomy & Physiology Society
Member, Cadaver Usage Committee
Member, Membership Committee
Chair, Human Anatomy and Physiology Society Animal Use Committee, 2014–present
Member, Human Anatomy and Physiology Society Steering Committee, 2014–present
Member: AsiaNetwork

b. Grants funded:

2008: NSF CCLI Type 1 Grant (Award Number 0834873) (2009-2012)
2008: Eli Lilly Summer Research Fellows Grant (2008–2009)
2005: Eli Lilly Summer Research Fellows Grant (2005–2008)
1998: ASIANet China Seminar
1997: ASIANet China Seminar
1996: Johnson Wax Corporation Scientific Equipment Grant
1995: Modern Woodman Insurance Company Research Grant (1996–1999)
National Institutes of Health Academic Research Enhancement Award, 1995–1998
1993: Modern Woodman Insurance Company Research Grant 1993–1995
1992: National Institutes of Health Academic Research Enhancement Award, 1992–1995
1991: American Heart Association, Illinois Affiliate, 1991–1993
1989: American Heart Association, Illinois Affiliate, 1989–1991
1988: American Heart Association, Illinois Affiliate
Augustana Research Foundation Award
Augustana Faculty Research Committee Award
1987: Augustana Faculty Research Committee Award
1985: American Heart Association, Illinois Affiliate, 1985–1987
1982: American Heart Association, Illinois Affiliate, 1982–1984
1980: Augustana Faculty Research Committee Award
1979: Mellon Research Award for Untenured Faculty
1977: Lilly Teaching Growth Award Program/Research Tutorial Program
1976: American Heart Association, Illinois Affiliate, 1976–1978
1975: Augustana College Faculty Research

c. Additional Professional Activity Since Joining Augustana Faculty

Biology Scholars Assessment Residency Fellow, 2014–present
Member, Educational Affairs Committee, American Association of Clinical Anatomists. 2013-2016
Vice Chair, Educational Affairs Committee, American Association of Clinical Anatomists, 2014-2015
Reviewer, Problem-Based Learning House Electronic Journal, 2004 – present
Invited Participant (one of only 500 biologists invited nationwide), American Association for the Advancement of Science Conference: “Transforming Undergraduate Education in Biology: Mobilizing the Community for Change,” Washington D.C., July, 2009
NSF CCLI/TUEs Grant Reviewer, 2009
NSF CCLI/TUEs Grant Reviewer, 2007
Presidential Research Fellow, Augustana College, Summer, 2007
NSF CCLI/TUEs Grant Reviewer, 2006
NSF CCLI/TUEs Grant Reviewer, 2005
Visiting Senior Foreign Expert, College of Biological Science, Central China Normal University, Wuhan, PRC, February, 2003–April, 2003
Member, Research Policies and Allocations Committee, American Heart Association, Illinois Affiliate, 1995–1997
Chair, Research Fellowship Application Review Committee, American Heart Association, Illinois Affiliate, 1995–1997
Member, Research Policies and Allocations Committee, American Heart Association, Illinois Affiliate, 1992–94
Vice Chair, Grant–in–Aid Review Committee, American Heart Association, Illinois Affiliate, 1992–94
Member, Grant–in Aid Review Committee, American Heart Association, Illinois Affiliate, 1990
Member, Grant–in Aid Review Committee, American Heart Association, Illinois Affiliate, 1987
Member, Grant–in Aid Review Committee, American Heart Association, Illinois Affiliate, 1984
Visiting Assistant Professor, Department of Cardiology, Johns Hopkins College of Medicine, Baltimore Maryland. May 1982–September, 1982
Career Development Fellow, National Institutes of Health, Gerontology Research Center, National Aging Institute, Baltimore Maryland, May 1982–September, 1982

d. Outside Reviewer

External Reviewer, Tenure and Promotions Committee, Department of Natural and Social Sciences, Bowling Green State University at Firelands. (2016)
External Reviewer, Tenure and Promotions Committee, Department of Math and Natural Sciences, D’Youville College, Buffalo, NY. (2014)
Outside Reviewer, Ph.D. Thesis Committee, Kinesiology Department, Michigan State University (2014)

Outside Reviewer, Tenure and Promotions Committee, Department of Kinesiology and Nutrition, College of Applied Health Sciences, University of Illinois at Chicago (2012)

Outside Reviewer, M.S. Thesis Committee, Biomedical Forensic Science Program, Division of Graduate Medical Sciences, Boston University School of Medicine. (2008)

e. Lectures and Invited Talks:

1. Invited presentations and Consulting:

Indiana University School of Medicine Consultant: Seminar and interviews regarding “High quality teaching at the college level and beyond.” 16–20 June, 2012.

The Effect of Computer-Assisted Instruction on the Teaching of Undergraduate Human Anatomy (and other interesting things dealing with teaching undergraduates): Corps for Research of Instructional and Perceptual Technologies, Department of Anatomy and Cell Biology, School of Medicine and Dentistry, University of Western Ontario.

Tallitsch, R.B., Abdel-Malek, K., Krippel, J., Beck, A., Croll, P., Fenwick, S., Kelley, K., Peters, B. (2013) Computer-assisted instruction increased students’ ability to interpret 3D relationships and retain essential material in undergraduate human anatomy and A&P courses. (NSF- sponsored conference for TUEs/CCLI principle investigator conference; invited presenter)

Tallitsch, R.B., Abdel-Malek, K., Krippel, J., Beck, A., Croll, P., Fenwick, S., Kelley, K., Peters, B. (2010) Computer-Assisted Instruction in Training Undergraduate Human Anatomy: Preliminary Results of an Experimental Study. Vision and Change in Undergraduate Biology Education. A Call to Action. (NSF-sponsored conference; invited presenter)

Problem-Based Learning Consultant and Talk, University of Maryland-Baltimore Campus, 25–28 May, 2009

Problem-Based Learning Consultant and Talk, George Mason University, Fairfax, VA, 7–9 November, 2008

Problem-Based Learning Consultant and Talk, Ohlone College, San Jose, CA, 7–9 March, 2008.

Keynote Address: Illinois Association of Community College Biologists, 28–29 October, 2006

Human Anatomy and Physiology Society National Meeting, Austin Texas, 27 May–1 June, 2006

Strategies for Teaching Success, sponsored by Benjamin Cummings, College of DuPage, 21–22 April, 2006.

AGENTS Network (Alverno Global Education Network for Teachers)
Alverno College International and Intercultural Center: Keynote Speaker, 28 April, 2006

Strategies for Teaching Success, sponsored by Benjamin Cummings, Monroe Community College, Monroe Michigan – 8 November, 2003.

Keynote Speaker, Southeastern Association of Biologists, Appalachian State University, Boone N.C., 11 April, 2002

Prentice Hall Bioforum, California State University – Sacramento, 5 April, 2002

Prentice Hall Bioforum, University of California : Northridge, 20 April, 2001

Prentice Hall Bioforum, University of West Florida, 30 March, 2001

Prentice Hall Bioforum, University of North Carolina at Chapel Hill, 23 March, 2001

Prentice Hall Bioforum, University of Florida – Valencia Campus, 9 February, 2001

Prentice Hall Bioforum, Oklahoma State University, 6 October, 2000

Prentice Hall Bioforum, Cleveland Ohio, 11 February, 2000

Prentice Hall Bioforum, Austin, Texas, 25 February, 2000

Prentice Hall Bioforum, Baltimore Maryland, 24 March, 2000

Prentice Hall Bioforum, Kansas City, 31 March, 2000

Prentice Hall Bioforum, Denver, Colorado, 7 April, 2000

National Sundance “Technology Think Tank for Anatomy and Physiology” (Sundance, Utah), 10 April, 2000

Prentice Hall Bioforum, Tulsa, Oklahoma, 18 October, 2000

Prentice Hall Bioforum, Ypsilanti Michigan, 29 October, 1999

Teaching in the New Millennium Lecture Series, Friday, 19 March, 1999, Raleigh, N.C.

Teaching in the New Millennium Lecture Series, Friday, 26 March, 1999, Philadelphia, PA.

Teaching in the New Millennium Lecture Series, Friday, 16 April, 1999, Glen Ellen, IL.

Teaching in the New Millennium Lecture Series, Friday, 22 October, 1999, St. Louis, MO. Key Note Address entitled “What do you teach, how do you teach it, and why?”

Teaching in the New Millennium Lecture Series, Friday, 29 October, 1999, Detroit, MI.

2. Panel Member, American Physiological Society Teaching of Physiology Section presentation, American Physiology National Meetings, 1995.

f. Publications:

Textbooks:

Martini, R., Tallitsch, R. & Nath, J. *Human Anatomy (9th ed.)* San Francisco: Benjamin Cummings Publishing, 2018; ISBN 13:978-0-13-4424941

Martini, R., Timmons, M. & Tallitsch, R. *Human Anatomy (8th ed.)* San Francisco: Benjamin Cummings Publishing, 2015, ISBN 13:978-0-321-88332-2

Martini, R., Timmons, M. & Tallitsch, R. *Human Anatomy (7th ed.)* San Francisco: Benjamin Cummings Publishing, 2012, ISBN 978-0-321-68815-6

Martini, R., Timmons, M. & Tallitsch, R. *Human Anatomy (6th ed.)* San Francisco: Benjamin Cummings Publishing, 2009, ISBN 978-84-7829-099-4

Tallitsch, R.B., with R. Guastaferrri (art coordinator and illustrator). *Histology: A Identification Manual. (1st ed.)* London: Elsevier Press, 2009, ISBN 978-9-323-04955-9.

Martini, R., Timmons, M. & Tallitsch, R. *Human Anatomy (5th ed.)* San Francisco: Benjamin Cummings Publishing, 2006.

Martini, R., Timmons, M. & Tallitsch, R. *Human Anatomy (4th ed.)* New Jersey: Prentice Hall Publishing, 2003.

Martini, R., Timmons, M. & Tallitsch, R. *Atlas of the Human Body (1st ed.)* New Jersey: Prentice Hall Publishing, 2003.

Tortora, G. & Tallitsch, R.B. *Laboratory Exercises in Anatomy and Physiology with Cat Dissections. (6th ed.)* New York: Prentice:Hall Publishing; 1999.

Tortora, G. & Tallitsch, R.B. *Laboratory Exercises in Anatomy and Physiology with Cat Dissections. (5th ed.)* New York: Prentice:Hall Publishing; 1995.

Tortora, G. & Tallitsch, R.B. *Laboratory Exercises in Anatomy and Physiology with Cat Dissections. (4th ed.)* New York: MacMillan Publishing; 1992.

Tortora, G. & Tallitsch, R.B. *Laboratory Exercises in Anatomy and Physiology with Cat Dissections (3rd ed.)*. New York: MacMillan; 1989.

Tortora, G., Agnostakas, R. & Tallitsch, R.B. *Laboratory Exercises in Anatomy and Physiology with Cat Dissections. (2nd ed.)*. New York: MacMillan; 1985.

Tortora, G. Tallitsch, R.B. & Agnostakas, R. *Physiology Laboratory Manual (3rd ed.)*. Minn.: Burgess Publishing; 1984.

Problem-Based Learning Publications:

Tallitsch, R. "Fifty miles for my fiftieth birthday." Problem-Based Learning Clearinghouse, 2012, October 31, item # 397841898819, Retrieval from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=397841898819>

Tallitsch, R. "Are you really sure the problem is that serious?" Problem-Based Learning Clearinghouse, 2012 October 31, item # 402951588282, Retrieval from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=402951588282>

Tallitsch, R., Bartt, R., Benson, J. "Something is horribly wrong doc, and I'm embarrassed to talk about it." Problem-Based Learning Clearinghouse, 2009, item # 279969864796, Retrieval from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=279969864796>

Tallitsch, R., Bartt, R., Lau, C., Messenger, M. "A series of unfortunate events." MS In Press, Problem-Based Learning Clearinghouse, 2009, item # 279969864796, Retrieval from

<https://chico.nss.udel.edu/Pbl/viewIndex.jsp?id=279969864796>

Tallitsch, R., Benson, J. "What is the cause of this swelling and why am I short of breath when I exercise?" Problem-Based Learning Clearinghouse, 2008, June 1, item # 244646756725, Retrieval from

<https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=244646756725>

Tallitsch, R. "Uff Da—Why Does This Hurt Doc?" Problem-Based Learning Clearinghouse, 2006, October 1, item # 211031007302 Retrieval from

<https://chico.nss.udel.edu/Pbl/viewIndex.jsp?id=211031007302>

Tallitsch, R., Krpan, M., Bartt, R., Bratta, B. "A Missed Diagnosis" Problem-Based Learning Clearinghouse, 2006, September 10.

Learning Clearinghouse, 2006 September 4, item #199460145532 Retrieval from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=199460145532>

Tallitsch, R. "It Must be a Bad year for My Allergies." Problem-Based Learning Clearinghouse, 2006 September 4, item #199540396349 Retrieval from

<https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=199540396349>

Tallitsch, R. "Fire Chicken." Problem-Based Learning Clearinghouse, 2006 August 24, item #199544455467 Retrieval from

<https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=199544455467>

Tallitsch, R. "An Unwanted Souvenir." Problem-Based Learning Clearinghouse, 2006 August 13, item #199451813590 Retrieval from

<https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=199451813590>

Tallitsch, R., Krpan, M., Bratta, B. "Granny's Hip" Problem-Based Learning Clearinghouse, 2006 January 2, item #186748175738 Retrieval from

<https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=186748175738>

Adams, J., Knawa, B., Voiland, M., Krpan, M., Tallitsch, R. "Does Anyone Know What's Wrong with Me?" Problem-Based Learning Clearinghouse, 2005 December 31, item # 186748812044, Retrieval from

<https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=186748812044>

Hass, Lindsay., North, Kristen., Krpan, Marko., Tallitsch, Robert. "Daddy Help! I Can't Get Out of the Pool!" 2005 October 9, item # 180791270704 Retrieval from

<https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=180791270704>

Tallitsch, R., Bartt, R. "Why Am I Getting More Clumsy Doc?" Problem-Based Learning Clearinghouse, 2005 September 11, item # 144327499175, Retrieval from

<https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=144327499175>

Tallitsch, R., Bartt, R., Krpan, M., Bratta, B. "*Harvest Time Danger*". Problem-Based Learning Clearinghouse, 2005 July 23, item # 163856477, Retrievable from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=170414251167>

Tallitsch, R., Bartt, R. & Benson, J. "Are You Sure I've Seen You Before?" Problem-Based Learning Clearinghouse, 2005 July 12, item 144330966820, Retrievable from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=144330966820>

Tallitsch, R., Bartt, R. "*The Woozy Smoker*" Problem-Based Learning Clearinghouse, 2005, March 29, item # 163856477 Retrievable from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=163856477954>

Tallitsch, R., Bartt, R. "*Will I Ever be Able to Run Again Doc?*" Problem-Based Learning Clearinghouse, 2005, February 13, item # 154804352359 Retrievable from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=154804352359>

Tallitsch, R., Bartt, R. & Benson, J. "What is Wrong With My Child Doc?" Problem-Based Learning Clearinghouse, 2005, February 13, item # 154804459088 Retrievable from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=154804459088>

Tallitsch, R., Krpan, M. and Bratta, B. "*Is My Pitching Career Over?*" Problem-Based Learning Clearinghouse, 2004, July 21, item # 133527594025 Retrievable from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=133527594025>

Tallitsch, R., Krpan, M. "*The Road to Rockingham.*" Problem-Based Learning Clearinghouse, 2004, May 2, item # 123703226558 Retrievable from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=123703226558>

Tallitsch, R., Krpan, M. "*My Aching Back*". Problem-Based Learning Clearinghouse, 2003, December 25, item # 114262396769 Retrievable from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=114262396769>

Tallitsch, R. "*Please don't tell my parents.*" Problem-Based Learning Clearinghouse, 2003, December 12, item # 115303306971 Retrievable from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=115303306971>

Tallitsch, R. & Benson, J. "Is this normal for someone my age?" Problem-Based Learning Clearinghouse, 2003, September 21, item # 115139245673. Retrievable from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=115139245673>

Tallitsch, R. "*Doc, is it my heart?*" Problem-Based Learning Clearinghouse, 2002, August 24, item # 113656806291, Retrievable from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=113656806291>

Tallitsch, Robert B. “*Street Fight*”. Problem-Based Learning Clearinghouse, 2002, December 30, item # 81272953632, Retrieval from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=88688211410>

Tallitsch, Robert B. & Bartt, Russell E. “*What Did You Say Doc?*” Problem-Based Learning Clearinghouse, 2002, November 30, Item # 85490789227, Retrieval from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=86178978140>

Tallitsch, Robert B. “*A Pain in the Belly*”. Problem-Based Learning Clearinghouse, 2002, November 24, Item # 85247844672, Retrieval from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=85247844672>

Tallitsch, Robert B. & Bartt, Russell E. “*The Complaining Husband*”. Problem-Based Learning Clearinghouse, 2002, November 24, item # 85490789227, <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=85490789227>

Tallitsch, Robert B. “*The Complaining Postal Carrier*”. Problem-Based Learning Clearinghouse, 2002, November 4, item # 85583375171, Retrieval from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=85583375171>

Tallitsch, Robert B. “*The Restless Baby*”. Problem-Based Learning Clearinghouse, 2002, October 1, item # 81898188213, Retrieval from <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=81898188213>

Tallitsch, Robert B. “*Homecoming Surprise*”. Problem-Based Learning Clearinghouse, 2002, September 9, item #81272953632. Retrieval from: <https://primus.nss.udel.edu/Pbl/viewIndex.jsp?id=81272953632>

Abstracts and Articles:

Tallitsch, R.B., Abdel-Malek, K., Krippel, J., Beck, A., Croll, P., Fenwick, S., Kelley, K., Peters, B. (2016) Positive effects of computer-assisted instruction in undergraduate anatomy and A&P courses: A three-year study. *MS in submitted*

Tallitsch, R.B., Abdel-Malek, K., Krippel, J., Beck, A., Croll, P., Fenwick, S., Kelley, K., Peters, B. (2012) Computer-assisted instruction increased students' ability to interpret 3D relationships and retain essential material in undergraduate human anatomy and A&P courses. Experimental Biology, April 21-25, San Diego CA.

Tallitsch, R.B., Abdel-Malek, K., Krippel, J., Beck, A., Croll, P., Fenwick, S., Kelley, K., Peters, B. (2010) Computer-Assisted Instruction in Training Undergraduate Human Anatomy: Preliminary Results of an Experimental Study. Vision and Change in Undergraduate Biology Education. A Call to Action. (NSF sponsored conference; invited presenter)

Tallitsch, R.B. Invited review of *Grant's Atlas of Anatomy (12th ed.)* by Agur, A.M. & Dalley, A.F. in *American Association of Anatomists News*. (2008) Vol. 17(4), pp. 13-15.

Tallitsch, R.B. *It's Time For A Change in the Way We Educate Physiology Ph.D. Candidates*. *Am. J. Physiol.*, 1996; 271 (Advances in Physiology Education 16):S68:S70.

Tallitsch, R.B. *An Invited Rebuttal to "Teaching versus research in academia"*. *Am. J. Physiol.*, 1996; 272 (Advances in Physiology Education 17):S51:S52.

Tallitsch, R.B., Myers, J. H. & Lowenthal, E. *Effect of complete hysterectomy upon heart size and contractile function of papillary muscle in WKY rats*. *The FASEB Journal*. 1994; 8(4 (Part 1)): 3339.

Myers, J. H., Tallitsch, R. B. & Lowenthal, E. *Effect on contractile function in papillary muscle of hormone replacement therapy following complete hysterectomy in Wistar:Kyoto rats*. *The FASEB Journal*. 1994; 8(4 (Part 1)): 3340.

Tallitsch, R.B. *Myths about research at Augustana*. *Augustana College Magazine*, 1993; 93: 14:15.

Tallitsch, R.B. & Myers, J. H. *Effect of propranolol and chlorpromazine upon hypoxia sensitivity in papillary muscle of genetically hypertensive rats*. *FASEB Journal*. 1991; 5(4): 1703.

Tallitsch, R.B. & Myers, J. H. *Myocardial response of genetically hypertensive rats to hypoxia*. *FASEB Journal*. 1990; 4(4): 3433.

Tallitsch, R.B. & Myers, J. H. *Effect of antihypertensive therapy on cardiac membrane function of genetically hypertensive rats*. *FASEB Journal*. 1990; 4(4): 3434.

Tallitsch, R. B. & Myers, J. H. *Decreased sensitivity of the Na/K ATPase pump in isolated papillary muscles of genetically hypertensive rats*. *Fed. Proc.* 1987; 46: 1200

Tallitsch, R. B. *Sodium and calcium transport in rat papillary muscles: Effects of pH, caffeine, resting length and stimulus frequency*. *The Physiologist*. 1984; 24: 234.

Tallitsch, R. B. *Further observations on Na and Ca transport in rat papillary muscles*. *Fed. Proc.* 1984; 43: 3135.

Tallitsch, R. B. *Further observations on the mechanisms of action of aldosterone in single barnacle muscle fibers*. *Am. J. Physiol.* 1983; 245 (Endocrinol. Metab. 8): E230:E238.

Tallitsch, R. B. *An investigation of sodium and calcium transport, resting and developed tension in isolated cardiac papillary muscles of the rat.* Fed. Proc. 1983; 42: 4789.

Tallitsch, R. B. *Stimulation by aldosterone of the Na efflux in single barnacle muscle fibres: Lack of glucocorticoid effects.* IRCS Med. Sci., Biochemistry, Cell & Membrane Biol. 1980; 8: 875:876.

Tallitsch, R. B. *Stimulation by aldosterone of the Na efflux in single muscle fibers: Role of mitochondria.* Fed. Proc. 1979; 38: 3462.

Bittar, E. E. & Tallitsch, R. B. *Mode of stimulation by aldosterone of the sodium efflux in barnacle muscle fibres: Effects of ouabain, ethacrynic acid, diphenylhydantoin, ATP(Mg), adenine translocase inhibitors, pyruvate and oxythiamine.* J. Physiol. (London). 1976; 255: 29:56.

Tallitsch, R. B. & Bittar, E. E. *Mode of stimulation by aldosterone of sodium efflux in barnacle muscle fibers.* The Physiologist. 1975.

Bittar, E. E. & Tallitsch, R. B. *Single barnacle muscle fibres as a preparation for studying the mode of action of aldosterone.* Vth International Biophysics Congress, Copenhagen. 1975.

Bittar, E. E. & Tallitsch, R. B. *Stimulation by aldosterone of the sodium efflux in barnacle muscle fibres: Effects of RNA inhibitors and spironolactone.* J. Physiol. (London). 1975; 250: 331:346.

Bittar, E. E. & Tallitsch, R. B. *Stimulation by aldosterone of the sodium efflux in barnacle muscle fibres.* Experientia. 1974; 30: 62:63.

Tallitsch, R. B. *On the mode of action of aldosterone on the Na efflux in barnacle muscle fibers.* Fed. Proc. 1974; 33: 1572.

Tallitsch, R. B. & Bittar, E. E. *Stimulation by aldosterone of the sodium efflux in barnacle muscle fibers.* The Physiologist. 1973; 16: 47.

5. Service to the College and Community

a. Service to the College since last merit review:

Committees:

Institutional Animal Care and Use Committee, Institutional Representative: 2007–present

Institutional Animal Care and Use Committee, Member: 1983–present

Athletic Committee: 2012–2015

Academic Technology Committee: 2013–2015

Faculty Development Working Group: 2012–2013

Faculty Research: 2000–2007

International and Off-Campus Program Committee: 2009–2012

b. Service to the Community

Moline Board of Education, 1991–1999, 2001–2005, 2011–2014

Member, AFSCME Negotiations Team, 2011, 2012–2014

Chair, District Bond Referendum Committee, 1992

Member, District Teacher Negotiations Team, 1991–1998

Member, District MESPA Negotiations Team, 2001–2005

Chair, Curriculum & Personnel Committee, 1996, 1997

Member, District Insurance Committee, 1994–1999, 2001–2005

President of Board, 1997–1999, 2001–2003, 2004–2005

Chair, Moline District Referendum Committee, 1992

Member, Board of Directors, Moline Junior Symphony, 1993–1996

Member, Board of Directors, YMCA Camp MacLean, Burlington, Wisconsin, 1975–2008

President, Board of Directors, YMCA Camp MacLean, 1999–2001

President Elect, Board of Directors, YMCA Camp MacLean, Burlington, Wisconsin, 1997–1999

Chair, Capital Development Committee, YMCA Camp MacLean, 2002–2008

Chair, Capital Development Campaign, YMCA Camp MacLean, 1999–2001

Staff Person, Mid–America Aquatic School, 1977–2001

Member, National Board for Certification of Waterfront Directors, 1977–1979

Vice Chair, National Board for Certification of Waterfront Directors, 1979–1981

Chairman, National Board for Certification of Waterfront Directors, 1981–1986

Moline Aquatic Satellite Training Quality Control Officer, 1981–1986