

Curriculum Vita

Robert B. Tallitsch, Ph.D.

Contact information:

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Education and experience:

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

Academic and Professional Experience:

Educational Content and Anatomical Subject Matter Consultant, BodyViz.com
2017–present
Professor Emeritus and Writer in Residence, Augustana College
Biology Department, 2018–present
Editorial Board, Annual Reviews of Anatomy and Physiology
Jayden Publishers, 2017–2018
Professor, Augustana College Biology Department, 1992–2018
Professor, Augustana College Asian Studies Program, 1992–present
Biology Scholars Assessment Residency Fellow, 2014–present
Reviewer: PBL Clearinghouse, 2003–2018
Mentor, American Association of Anatomists, 2011–2018
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

Courses Taught at Augustana College:

Biology 351: Human Anatomy
Biology 354: Histology
Biology 358: Neuroanatomy
Biology 455: Cadaver Dissection
Asian Studies 305: Traditional Chinese Medicine

Teaching Awards Received at Augustana College

“Unofficial Teacher of the Year Award”, as conferred by a vote of the graduating seniors: 2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2006, 2004, 2003, 2002, 2001, 2000, 1999, 1998, 1997

Professional activities and accomplishments:

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, 2014–2015

Member, Human Anatomy and Physiology Society Steering Committee, 2014–2015

Member: AsiaNetwork, 1989–2018

Peer-Reviewed 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)

1995: 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,

- 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

Additional Academic and Professional Activity

- Reviewer, Anatomical Sciences Education, 2016–2018
- Biology Scholars Assessment Residency Fellow, 2014–2017
- 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 – 2018
- 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

Outside Reviewer

External Reviewer, Rank and Status Committee, Department of Physiology and Developmental Biology, Brigham Young University (2017)

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)

External Reviewer, Departmental Curriculum Review, 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 Consultant, Departmental Teaching Review, Indiana University School of Medicine (2012)

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

Lectures and Invited Talks:

Invited presentations and Consulting:

IUPUI Graduate Program in Anatomical Education: “How to Obtain, Retain and Enjoy at Teaching Career at a Private Liberal Arts College. 2 March, 2018.

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.

Publications:

Textbooks:

Martini, R., Tallitsch, R. & Nath, J. *Human Anatomy (10th ed.) MS In Preparation.* San Francisco: Benjamin Cummings Publishing

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 (3'rd ed.)*. New York: MacMillan; 1989.

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

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

Problem-Based Learning Publications (all links active at time of writing):

Tallitsch, R. “Fifty miles for my fiftieth birthday.” Problem-Based Learning Clearinghouse, 2012, October 31, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R. “Are you really sure the problem is that serious?” Problem-Based Learning Clearinghouse, 2012 October 31, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R., Bartt, R., Benson, J. “Something is horribly wrong doc, and I’m embarrassed to talk about it.” Problem-Based Learning Clearinghouse, 2009, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R., Bartt, R., Lau, C., Messenger, M. “A series of unfortunate events.” MS In Press, Problem-Based Learning Clearinghouse, 2009, Retrieval from <http://www1.udel.edu/pblc/>

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, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R. “*Uff Da—Why Does This Hurt Doc?*” Problem-Based Learning Clearinghouse, 2006, October 1, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R., Krpan, M., Bartt, R., Bratta, B. “*A Missed Diagnosis*” Problem-Based Learning Clearinghouse, 2006, September 10. Learning Clearinghouse, 2006 September 4, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R. “*It Must be a Bad year for My Allergies.*” Problem-Based Learning Clearinghouse, 2006 September 4, 9 Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R. “*Fire Chicken.*” Problem-Based Learning Clearinghouse, 2006 August 24, item Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R. “*An Unwanted Souvenir.*” Problem-Based Learning Clearinghouse, 2006 August 13, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R., Krpan, M, Bratta, B. "*Granny's Hip*" Problem-Based Learning Clearinghouse, 2006 January 2, Retrieval from <http://www1.udel.edu/pblc/>

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, Retrieval from <http://www1.udel.edu/pblc/>

Hass, Lindsay., North, Kristen., Krpan, Marko., Tallitsch, Robert. "*Daddy Help! I Can't Get Out of the Pool!*" 2005 October 9, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R., Bartt, R. "*Why Am I Getting More Clumsy Doc?*" Problem-Based Learning Clearinghouse, 2005 September 11, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R., Bartt, R., Krpan, M., Bratta, B. "*Harvest Time Danger*". Problem-Based Learning Clearinghouse, 2005 July 23, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R., Bartt, R. & Benson, J. "Are You Sure I've Seen You Before?" Problem-Based Learning Clearinghouse, 2005 July 12, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R., Bartt, R. "*The Woozy Smoker*" Problem-Based Learning Clearinghouse, 2005, March 29, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R., Bartt, R. "*Will I Ever be Able to Run Again Doc?*" Problem-Based Learning Clearinghouse, 2005, February 13, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R., Bartt, R. & Benson, J. "What is Wrong With My Child Doc?" Problem-Based Learning Clearinghouse, 2005, February 13, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R., Krpan, M. and Bratta, B. "*Is My Pitching Career Over?*" Problem-Based Learning Clearinghouse, 2004, July 21, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R., Krpan, M. "*The Road to Rockingham.*" Problem-Based Learning Clearinghouse, 2004, May 2, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R., Krpan, M. "*My Aching Back*". Problem-Based Learning Clearinghouse, 2003, December 25, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R. "Please don't tell my parents." Problem-Based Learning Clearinghouse, 2003, December 12, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R. & Benson, J. "Is this normal for someone my age?" Problem-Based Learning Clearinghouse, 2003, September 21, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, R. "Doc, is it my heart?" Problem-Based Learning Clearinghouse, 2002, August 24, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, Robert B. "Street Fight". Problem-Based Learning Clearinghouse, 2002, December 30, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, Robert B. & Bartt, Russell E. "What Did You Say Doc?" Problem-Based Learning Clearinghouse, 2002, November 30, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, Robert B. "A Pain in the Belly". Problem-Based Learning Clearinghouse, 2002, November 24, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, Robert B. & Bartt, Russell E. "The Complaining Husband". Problem-Based Learning Clearinghouse, 2002, November 24, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, Robert B. "The Complaining Postal Carrier". Problem-Based Learning Clearinghouse, 2002, November 4, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, Robert B. "The Restless Baby". Problem-Based Learning Clearinghouse, 2002, October 1, Retrieval from <http://www1.udel.edu/pblc/>

Tallitsch, Robert B. "Homecoming Surprise". Problem-Based Learning Clearinghouse, 2002, September 9, Retrieval from: <http://www1.udel.edu/pblc/>

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 oxxythiamine*. 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*. V'th 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.

Service to the Community

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

Member, AFSCME Negotiations Team, 2011, 2012–2014
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