

# 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.

## **Professional Publications:**

### **Textbooks:**

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

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

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

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

Martini, R., Timmons, M. & Tallitsch, R. *Human Anatomy (6<sup>th</sup> 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. (1<sup>st</sup> ed.)* London: Elsevier Press, 2009, ISBN 978-9- 323-04955-9.

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

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

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

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

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

Tortora, G. & Tallitsch, R.B. *Laboratory Exercises in Anatomy and Physiology with Cat Dissections. (4<sup>th</sup> 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, Retrievable from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, R. “Are you really sure the problem is that serious?” Problem-Based Learning Clearinghouse, 2012 October 31, Retrievable from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, R., Bartt, R., Benson, J. “Something is horribly wrong doc, and I’m embarrassed to talk about it.” Problem-Based Learning Clearinghouse, 2009, Retrievable from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, R., Bartt, R., Lau, C., Messenger, M. “A series of unfortunate events.” MS In Press, Problem-Based Learning Clearinghouse, 2009, Retrievable from <https://www.itue.udel.edu/pbl/problems>

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, Retrievable from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, R. “*Uff Da—Why Does This Hurt Doc?*” Problem-Based Learning Clearinghouse, 2006, October 1, Retrievable from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, R., Krpan, M., Bartt, R., Bratta, B. “*A Missed Diagnosis*” Problem-Based Learning Clearinghouse, 2006, September 10. Learning Clearinghouse, 2006 September 4, Retrievable from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, R. “*It Must be a Bad year for My Allergies.*” Problem-Based Learning Clearinghouse, 2006 September 4, 9 Retrievable from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, R. “*Fire Chicken.*” Problem-Based Learning Clearinghouse, 2006 August 24, item Retrievable from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, R. "*An Unwanted Souvenir.*" Problem-Based Learning Clearinghouse, 2006 August 13, Retrieval from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, R., Krpan, M., Bratta, B. "*Granny's Hip*" Problem-Based Learning Clearinghouse, 2006 January 2, Retrieval from <https://www.itue.udel.edu/pbl/problems>

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 <https://www.itue.udel.edu/pbl/problems>

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

Tallitsch, R., Bartt, R. "*Why Am I Getting More Clumsy Doc?*" Problem-Based Learning Clearinghouse, 2005 September 11, Retrieval from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, R., Bartt, R., Krpan, M., Bratta, B. "*Harvest Time Danger*". Problem-Based Learning Clearinghouse, 2005 July 23, Retrieval from <https://www.itue.udel.edu/pbl/problems>

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

Tallitsch, R., Bartt, R. "*The Woozy Smoker*" Problem-Based Learning Clearinghouse, 2005, March 29, Retrieval from <https://www.itue.udel.edu/pbl/problems>

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

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

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

Tallitsch, R., Krpan, M. "*The Road to Rockingham.*" Problem-Based Learning Clearinghouse, 2004, May 2, Retrieval from <https://www.itue.udel.edu/pbl/problems>



Tallitsch, R., Krpan, M. "*My Aching Back*". Problem-Based Learning Clearinghouse, 2003, December 25, Retrieval from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, R. "*Please don't tell my parents.*" Problem-Based Learning Clearinghouse, 2003, December 12, Retrieval from <https://www.itue.udel.edu/pbl/problems>

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

Tallitsch, R. "*Doc, is it my heart?*" Problem-Based Learning Clearinghouse, 2002, August 24, Retrieval from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, Robert B. "*Street Fight*". Problem-Based Learning Clearinghouse, 2002, December 30, Retrieval from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, Robert B. & Bartt, Russell E. "*What Did You Say Doc?*" Problem-Based Learning Clearinghouse, 2002, November 30, Retrieval from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, Robert B. "*A Pain in the Belly*". Problem-Based Learning Clearinghouse, 2002, November 24, Retrieval from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, Robert B. & Bartt, Russell E. "*The Complaining Husband*". Problem-Based Learning Clearinghouse, 2002, November 24, Retrieval from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, Robert B. "*The Complaining Postal Carrier*". Problem-Based Learning Clearinghouse, 2002, November 4, Retrieval from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, Robert B. "*The Restless Baby*". Problem-Based Learning Clearinghouse, 2002, October 1, Retrieval from <https://www.itue.udel.edu/pbl/problems>

Tallitsch, Robert B. "*Homecoming Surprise*". Problem-Based Learning Clearinghouse, 2002, September 9, Retrieval from: <https://www.itue.udel.edu/pbl/problems>

### **Abstracts and Articles:**

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 (12<sup>th</sup> 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.* V<sup>th</sup> 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**

Member, YMCA Annual Campaign Team (2020 – present)  
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

## **Service to the United Church of Christ**

### **Illinois Conference:**

Member, Nominating Committee (2019 to present)  
Co-Chair, Fitness Review Response Team (2021 to present)  
Member, Fitness Review Team (2021)

### **Western Association**

Member, Committee on Ministry (2019 to present)  
Chair, Committee on Ministry (2020 to present)

### **Hope United Church of Christ, Moline IL**

Member, Board of Trustees (2000 to 2004)  
Chair, Pastoral Search Committee (2017)  
Chair, Church Council (2018 to 2020)  
Treasurer (2020 to present)