

Curriculum Vitae
Tracey M. Covassin, Ph.D., ATC
Department of Kinesiology
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Michigan State University
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Education:

Doctor of Philosophy (2003)
Temple University, Philadelphia, PA
Department of Kinesiology
Major area of study: Exercise and Sport Psychology

Dissertation Title: Gender differences and neuropsychological impairments of concussions among collegiate athletes.

Master of Science, University of Nevada, Las Vegas (1999)
Department of Kinesiology
Major area of study: Sports Medicine

Thesis Title: The relationship between psychological momentum, precipitating events, and tennis match outcome.

Bachelor of Arts, McMaster University, Hamilton, Ontario (1995)
Department of Psychology
Major area of study: Psychology

Academic Appointments:

Assistant Professor, Michigan State University (2005-present)
Assistant Professor, Shippensburg University (2003-2005)

Courses taught:

Lower Body Injury Evaluation
Upper Body Injury Evaluation
Organization and Administration
Prevention and Care of Athletic Injuries
Mechanical Analysis of Sport Skills
Kinesiology
Lifestyle Management
Sport Nutrition

Grants:

Powell, J., Covassin, T. (2006). *A Comparison of Injury Patterns among Selected Youth Sports*, National Athletic Trainers' Association Research and Education Foundation, Amount Requested \$203,560

Covassin, T. (2005). The Effects of VO2 Max on Cognitive Function in Recreational Athletes. College of Education, Amount Funded \$1300.00

Stearne, D., Covassin, T., & Swanik, C. (2004). The relationship between neurocognitive function and non-contact ACL injuries. Eastern Athletic Trainers' Association, Amount requested \$2950.00.

Swanik, C., Covassin, T., & Stearne, D. (2003). Sex differences and long-term effects of neuropsychological function among collegiate athletes who sustain multiple concussions. National Athletic Trainers' Association Research and Education Foundation, Amount requested \$79,826.00.

Covassin, T. (2002). Gender differences and neuropsychological impairments among collegiate athletes. National Athletic Trainers' Association, Doctoral Grant Funded \$2500.00.

Covassin, T., Swanik, C., & Sachs, M. (2002). Gender differences and neuropsychological impairment among high school athletes. Eastern Athletic Trainers' Association, Amount requested \$3000.00.

Referred Publications:

Schatz, P., & Covassin, T. (2006). Assessing the College Athlete. In R. Echemendia (Ed.) *Sports Neuropsychology: A Clinical Primer*. Guilford Publications.

Brad Donohue, Abby Miller, Lisa Crammer, Chad Cross, Tracey Covassin. (in press). Initial psychometric evaluation of the student athlete relationship scales: A standardized method of assessing sport specific relationships of athletes with their coaches, teammates, family, and peers. Journal of Sport Behavior.

Covassin, T., & Pero, S. (2004). The relationship between self-confidence, mood states, and anxiety among collegiate tennis players. Journal of Sport Behavior. 27(3), 230-239

Donohue, B., Dickens, Y., Lancer, K., Covassin, T., Hash, A., Miller, A., & Genet, J. (2004). Improving athletes' perspectives of sport psychology consultation: A controlled evaluation of two interview methods. Behavioral Modification. 28(2), 182-93

Donohue, B., Covassin, T., Lancer, K., Dickens, Y., Miller, Y., Hash, A., & Genet, J. (2004). Examination of psychiatric symptoms in student athletes. Journal of

General Psychology. 131(1),29-35.

Covassin, T., Swanik, C., & Sachs, ML. (2003). Epidemiology considerations of concussions in NCAA athletes. Applied Neuropsychology, 10(1), 12-22.

Covassin, T., Swanik, C., & Sachs, ML. (2003). Sex differences and the incidence of concussions among intercollegiate athletes. Journal of Athletic Training. 38(3), 238-244.

Donohue, B., Barnhart, R., Covassin, T., Carpin, K., & Corb, E. (2001). The development and initial evaluation of two promising mental preparatory methods in a sample of female cross country runners. Journal of Sport Behavior, 24(1),19-30.

Manuscripts In Revision:

Covassin, T, Swanik, B., Sachs, M., Zenkrick, Z., Schatz, P., Zillmer, E., & McKeever, (2006). Sex Differences on Baseline Neuropsychological Function and Concussion Symptoms of Collegiate Athletes. British Journal of Sports Medicine.

Manuscripts Submitted for Review:

Covassin, T, Schatz, P., Swanik, B. (2006). Sex Differences on Post-Concussion Neuropsychological Function and Symptoms of Collegiate Athletes. Journal of Neurosurgery.

Weise, L., Covassin, T., Powell, J., Womack, C. (2006). The Effects of VO2 Max on Cognitive Function in Recreational Athletes. Medicine and Science in Sport and Exercise.

Covassin, T., Stearne, D. (2006). The relationship between history of concussion and Neurocognitive function. Journal of Athletic Training

Brad Donohue, Yani Dickens, Ned Silver, Tracey Covassin, & Kevin Lancer. (2006) Development and Psychometric Evaluation of the Sport Interference Checklist. Journal of Sport and Exercise Psychology

Abstract Publications:

Moore MM, Powell JW, Covassin TM, Barron MJ, Dompier TP. (2006). The Effects of Injury on Perceived Risk in Youth Football. National Athletic Trainers' Association, Atlanta, Georgia

Hong, G., Covassin, T. (2006). Relationship between Football Helmet Fitting Techniques and Concussions In High School Football Athletes. American College of Sport Medicine.

- Stearne DJ, Sitler MR, Tierney RT, Covassin TM, Davis KF, Swanik CB. (2006). Gender Differences on Neuromuscular Control of the Hip: Implications for Knee Joint Stability and Non-Contact Anterior Cruciate Ligament Injury. National Athletic Trainers' Association, Atlanta, Georgia
- Covassin, T. (2005). New technologies in sport concussion assessment. Journal of Athletic Training. S-120.
- Covassin, T, Swanik, B., Sachs, M., Zenkrick, Z., Schatz, P., Zillmer, E., & McKeever, C. (2004). Sex differences, symptoms and neuropsychological recovery of concussions among collegiate athletes. Journal of Athletic Training. S-19
- Stearne, D., Covassin, T., Swanik, C., & Sitler, M. (2004). Reliability and validity of the 9287 Kisler Forceplate. Journal of Athletic Training. S-118
- Covassin, T., McKeever, C., Sachs, M., Schatz, P., & Zillmer, E. (2003). Implementation of the Philadelphia Sports Concussion Project: A model for neuropsychologists and certified athletic trainers in the rehabilitation of sport concussions. Association for the Advancement of Applied Sport Psychology. S-104.
- Schatz, P., Covassin, T., McKeever, C., Palumbo, J., Zillmer, E., & Sachs, M. (2003). History of concussion and baseline test performance for collegiate club sport versus varsity athletes. Archives of Clinical Neuropsychology. 18(7), 747.
- Schneider, J., McKeever, C., Covassin, T., Sachs, M., Wait, S., Clayborne, J., Schatz, P., & Zillmer, E. (2003). The evaluation of pre- and post- measures of emotional indices associated with sports-related concussion. Archives of Clinical Neuropsychology. 18(7), 747-748.
- McKeever, C., Schneider, J., Covassin, T., Sachs, M., Neva, C., Kendzior, S., Schatz, P., & Zillmer, E. (2003). The assessment of baseline neuropsychological functioning among collegiate athletes: The relevance of concussion history and concussion severity. Archives of Clinical Neuropsychology. 18(7), 747.
- McKeever, C., Covassin, T., Schatz, P., Zillmer, E., & Sachs, ML. (2002). Determining a schedule for serial post-concussion assessments: The Philadelphia Sports Concussion Project. Archives of Clinical Neuropsychology. 17(8), 772.
- Covassin, T., Swanik, C., & Sachs, ML. (2002). Prevalence, severity and gender differences of concussions among intercollegiate athletes. Journal of Athletic Training, 37(2), S-9.
- Covassin, T. (2002). Neuropsychological impairments and rehabilitation of collegiate athletes. The Fourth Annual Northeast Atlantic Sport Psychology Conference, S-4.

- Covassin, T. (2001). Sport psychology techniques used by certified athletic trainers during rehabilitation of injury. The Third Annual Northeast Atlantic Sport Psychology Conference, S-5.
- Oglesby, C., Covassin, T., Meston, J. (2001). Gender-blind or gender-sensitive sport psychology consulting? Exploring choices and consequences. Association for Applied Sport Psychology, S-105.
- Pero, S., Covassin, T., O'Neil, D. (2000). Sport psychology techniques utilized by certified athletic trainers at the collegiate level. Association for the Advancement of Applied Sport Psychology, S-90.
- Pero, S., Covassin, T., O'Neil, D. (2000). Perceived competency of certified athletic trainers in the psychology of injury and rehabilitation. Journal of Athletic Training, 35 (2), S-76.
- Covassin, T., & Pero, S. (1999). The relationship between psychological momentum, precipitating events, and tennis match outcome. Association for Applied Sport Psychology, S-56.

Manuscript in Preparation:

- Swanik, C., Covassin, T., Stearne, D., Schatz, P. The relationship between neurocognitive function and non-contact ACL injuries. American Journal of Sports Medicine
- Covassin, T., Moore, M. Neuropsychological function of collegiate athletes who suffer from Migraines.
- Hong, G., Covassin, T. Relationship between Football Helmet Fitting Techniques and Concussions In High School Football Athletes.
- Moore MM, Powell JW, Covassin TM, Barron MJ, Dompier TP. The Effects of Injury on Perceived Risk in Youth Football. Journal of Pediatric Psychology.
- Pero, S., Covassin, T., & O'Neil, AM. Sport psychology techniques utilized by certified athletic trainers at Division I, II, and III Universities.

Conference Presentations:

- Covassin, T, Swanik, B., Sachs, M., Zenkrick, Z., Schatz, P., Zillmer, E., & McKeever,

- C. Sex differences, symptoms and neuropsychological recovery of concussions among collegiate athletes. Funded research presented at the annual National Athletic Trainers' Association Conference, Baltimore, MD, June 18, 2004.
- Stearne, D., Covassin, T., Swanik, C., & Sitler, M. Reliability and validity of the 9287 Kistler Forceplate. Poster presented at the annual National Athletic Trainers' Association Conference, Baltimore, MD, June 18, 2004.
- Covassin, T. Gender differences and neuropsychological impairments of concussions among collegiate athletes. Lecture presented at the annual Pennsylvania Athletic Trainers' Symposium, Harrisburg, PA, May 22, 2004.
- Covassin, T. Use of neuropsychological testing in athletes. Lecture presented at the annual District II Student Athletic Trainers' Conference, Newark, DE, March 20, 2004.
- Covassin, T. Acute Concussion Evaluation. Lecture presented at the annual District II Student Athletic Trainers' Conference, Newark, DE, March 20, 2004.
- Covassin, T., McKeever, C., Sachs, M., Schatz, P., & Zillmer, E. Implementation of the Philadelphia Sports Concussion Project: A model for neuropsychologists and certified athletic trainers in the rehabilitation of sport concussions. Poster presented at the annual Association for the Advancement of Applied Sport Psychology Conference, Philadelphia, PA, October 11, 2003.
- Schatz, P., Covassin, T., McKeever, C., Palumbo, J., Zillmer, E., & Sachs, M. History of concussion and baseline test performance for collegiate club sport versus varsity athletes. Poster presented at the annual National Academy of Neuropsychology Conference, Dallas, TX, October, 15, 2003.
- Schneider, J., McKeever, C., Covassin, T., Sachs, M., Wait, S., Clayborne, J., Schatz, P., & Zillmer, E. The evaluation of pre- and post- measures of emotional indices associated with sports-related concussion. Poster presented at the annual National Academy of Neuropsychology Conference, Dallas, TX, October, 13, 2003.
- McKeever, C., Schneider, J., Covassin, T., Sachs, M., Neva, C., Kendzior, S., Schatz, P., & Zillmer, E. The assessment of baseline neuropsychological functioning among collegiate athletes: The relevance of concussion history and concussion severity. Poster presented at the annual National Academy of Neuropsychology Conference, Dallas, TX, October, 14, 2003.
- McKeever, C., Covassin, T., Schatz, P., Zillmer, E., & Sachs, ML. Determining a schedule for serial post-concussion assessments: The Philadelphia Sports Concussion Project. Poster presented at the annual National Academy of Neuropsychology Conference, Miami, FL, October, 12, 2002.

- Covassin, T., Swanik, C., & Sachs, ML. Prevalence, severity and gender differences of concussions among intercollegiate athletes. Lecture presented at the annual National Athletic Trainers' Association Conference, Dallas, TX, June 17, 2002.
- Covassin, T., Swanik, C., & Sachs, ML. Prevalence, severity and gender differences of concussions among intercollegiate athletes. Lecture presented at the annual Temple Education Research Association, Philadelphia, PA, May 7, 2002.
- Covassin, T. Neuropsychological impairments and rehabilitation of collegiate athletes. Lecture presented at the annual Northeast Atlantic Sport Psychology Conference, Philadelphia, PA, March 23, 2002.
- Oglesby, C., Covassin, T., & Meston, J. Gender-blind or gender-sensitive sport psychology consulting? Exploring choices and consequences. Workshop presented at the annual Association for the Advancement of Applied Sport Psychology Conference, Orlando, FL, October 6, 2001.
- Covassin, T. Sport psychology techniques used by certified athletic trainers at the collegiate level. Lecture presented at the annual Northeast Atlantic Sport Psychology Conference, Philadelphia, PA, March 23, 2001.
- Pero, S., Covassin, T., & O'Neil, D. Sport psychology techniques utilized by certified athletic trainers at the collegiate level. Poster presented at the annual Association for the Advancement of Applied Sport Psychology Conference, Nashville, TN, October 19, 2000.
- Pero, S., Covassin, T., & O'Neil, D. Perceived competency of certified athletic trainers in the psychology of injury and rehabilitation. Poster presentation at the annual National Athletic Trainers' Association Conference, Nashville, TN, June 30, 2000.
- Covassin, T., & Pero, S. The relationship between psychological momentum, precipitating events, and tennis match outcome. Lecture presented at the annual Association for the Advancement of Applied Sport Psychology Conference, Banff, Alberta, Canada, September 24, 1999.
- Covassin, T., Barnhart, R., Morrow, T., & Donohue, B. Motivating cross country runners to decrease their times during workouts. Poster presented at the annual International Academy of Linguistics, Behavioral and Social Science Conference, Las Vegas, NV, May 13, 1999.
- Covassin, T., Barnhart, R., Morrow, K., Corb, E., & Donohue, B. Initial development of the sports interference checklist. Poster presented at the annual International Academy of Linguistics, Behavioral and Social Science Conference, Las Vegas, NV, May 13, 1999.

Moderator Sessions:

Injury epidemiology. Annual National Athletic Trainers' Association Conference, Indianapolis, IN, June 13, 2005.

Fine, K. Perfecting your knee evaluation technique. Annual National Athletic Trainers' Association Conference, Baltimore, MD, June 17, 2004.

Smith, M. Assessing lateral elbow pain. Annual National Athletic Trainers' Association Conference, Baltimore, MD, June 21, 2004.

Research in Progress:

Covassin, T., Stearne, D., & Swanik, C. The effects of fatigue on neurocognitive performance.

Covassin, T., RJ Elbon. Long-term consequences of high school and collegiate athletes who suffer a concussion.

Work Experience:Project Coordinator for the Philadelphia Sports Concussion Project (PSCP):

2001- Present: My position involves coordinating the development of the PSCP at Drexel University, Rutgers University, St. Joseph's University, Temple University, and the University of Delaware. My responsibilities include conducting neuropsychological baseline tests on collegiate athletes, analyzing data, organizing monthly meetings, and developing a friendly working relationship between the PSCP, athletic departments, team physicians, certified athletic trainers, coaches, and athletes.

Teaching Assistant, Temple University (KIN 100 and KIN 101): Fall 2002-Present

My responsibilities include teaching anatomy and physiology laboratories and tutoring lecture material to undergraduate students in kinesiology, nursing, biology, and health studies.

Graduate Assistant, Temple University (KIN 100 and KIN 101): Fall 2001-Spring 2002

My responsibilities included teaching anatomy and physiology laboratories and tutoring lecture material to undergraduate students in kinesiology, nursing, biology, and health studies.

Assistant Athletic Trainer, Lower Merion High School: Fall 2000

My responsibilities included injury prevention, rehabilitation of athletic injuries, and emergency care.

Graduate Assistant, Temple University: Fall 2000-Spring 2001

Assistant supervisor at Temple University's Health-Fitness Wellness Center. My responsibilities included fitness assessment and screening, EKG stress test, body

composition testing, administration of fitness programs, and supervision of work-study students.

Graduate Assistant, Head athletic trainer at Durango High School:

August 1999- Summer 2000: My responsibilities included injury prevention, rehabilitation of athletic injuries, exercise programs, and emergency care.

Head Athletic Trainer, Centennial High School: Spring 1999

My responsibilities included injury prevention, rehabilitation of athletic injuries, exercise programs, and emergency care.

Graduate Assistant, University of Nevada, Las Vegas: August 1998-Spring 1999

My position included teaching and conducting research in athletic training and sport psychology. I was the laboratory instructor and teaching assistant for the following courses:

Laboratory Instructor, Evaluation of Lower Extremities (SIM 386): Primary responsibilities included teaching evaluation techniques for the lower extremity, special tests, tutoring undergraduate students in lecture material, and administrative duties for the professor.

Laboratory Instructor, Therapeutic Modalities (SIM 390): Primary responsibilities included teaching therapeutic modalities, tutoring undergraduate students in lecture material, and administrative duties for the professor.

Teaching Assistant, Evaluation of Upper Extremity (SIM 387): My responsibilities included tutoring students on upper extremity injuries, grading exams and papers, and performing administrative duties for the professor.

Teaching Assistant, Therapeutic Exercise (SIM 481): My responsibilities included tutoring students on physiological reactions, contraindications, indications of heat, cold, sound, and electricity, grading exams and papers, and performing administrative duties for the professor.

Teaching Assistant, Clinical Experience in Athletic Training (SIM 470): My responsibilities included tutoring students in advanced techniques of evaluation used during assessment and rehabilitation of injuries to the lower extremity, grading exams and papers, and performing administrative duties for the professor.

Teaching Assistant, Field Experience in Athletic Training (SIM 497): My responsibilities included assisting in the supervision of upper-division athletic training students on experiences working in a traditional and non-traditional athletic training setting in the community, grading papers, and performing administrative duties for the professor.

Coordinator of Sport Psychology Clinic at the Achievement Center: Summer 1999-Summer 2000. Coordinated undergraduate students in research projects involving methodology, data collection, workshops, and presentations in sport psychology.

Certified Athletic Trainer Experience:

MSU Field Hockey 2005-Present

MSU Men's and Women's Tennis Teams 2005-Present

USA 1998 Wrestling Championships

Las Vegas Holiday Prep Basketball Tournament: December 1999

Big Time Basketball Tournament: Las Vegas July 1998, 1999

Nevada State High School Championships:

Men's Baseball 1998, 1999

Men's Basketball 1998, 1999

Men's and Women's Volleyball 1998, 1999

Men's and Women's Track and Field 1998, 1999

Women's Softball 1998, 1999

Special Honors and Awards:

National Athletic Trainers' Association Foundation Student Research Award Finalists 2004

Temple Education Research Association outstanding proposal award 2002

Phi Kappa Phi National Honors Society: UNLV 1997/98

Deans Honor List: Mount Royal College 1997

Certified Athletic Trainer # 039902451

First Aid and CPR Instructor Red Cross

Collegiate Athletic Experience:

4-Year Letter Award McMaster Varsity Tennis Team 1991-1995

Western Canadian University Champion- University of Calgary Varsity Tennis Team, 1996/97

Ontario Women Intercollegiate Association (OWIA) - McMaster University Varsity Team second place, 1994

OWIA third place doubles 1994

Professional Memberships:

The Phi Kappa Phi (Honor Society)

National Athletic Trainers' Association (NATA)

District 2 Eastern Athletic Trainers' Association

American College of Sports Medicine (ACSM)

Association for the Advancement of Applied Sport Psychology (AAASP)
 American Psychology Association (APA)
 Exercise and Sport Psychology (Division 47) of APA

Professional Committees and Service:

Grant reviewer for the National Athletic Trainers' Association Research and Education Foundation: 2003-present
 Reviewer Journal of Athletic Training 2004-present
 Reviewer American Journal of Sports Medicine 2004-present
 Reviewer British Journal of Sports Medicine 2004-present
 Reviewer Journal of Sport Rehabilitation 2004-present
 MSU Athletic Training Education Endowment Chair 2005-Present
 MSU Behavioral Faculty Search Committee 2005-present
 MSU Undergraduate Committee Department of Kinesiology 2005-present
 MSU Faculty Academic Committee Department of Kinesiology 2006-present
 Cumberland County American Red Cross Health and Safety Service Committee: 2003-2005
 Department of Exercise Science Library Committee: 2003-2005
 Department of Exercise Science Grade Appeal Committee: 2003-2005
 Shippensburg University Student Recreation Committee: 2003-2005
 Regional Student Representative for AAASP: 2000-2003
 Continuing Education Committee for AAASP: 2001-2002
 Proactive Peer and Undergraduate Mentoring Program Coordinator – AAASP: 2002-2003
 Continuing Education Committee for AAASP: 2001-2002

References:

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 Dept. of Health, Nutrition & Exercise Sciences
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 541 South College Avenue
 Newark, DE 19716

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