

Teaching and Mentoring

MORF's mission is *to educate future researchers, both scientists and physicians, by conducting orthopaedic research on innovative surgical and rehabilitative techniques and technologies aimed at improving patient outcomes.* Educating and investing in the researchers of tomorrow is one of the most important functions that we serve.

Individuals from all over the world come to learn from the pioneers at MORF. We have been fortunate to teach and mentor an outstanding group of future researchers including:

From the University of Minnesota:

- Darin Friess, M.D.** Trauma fellow, HCMC and University of Minnesota, research rotation
- Jessica Cooper, M.D.** Trauma fellow, HCMC and University of Minnesota, research rotation
- Krista Evans, M.S.** Biomedical Engineering, University of Minnesota, thesis committee
- Wook-Jin Seong, D.D.S., M.S., F.A.C.P.** Dental School and Dental Biomechanics, University of Minnesota, thesis committee
- Arnaud VanWettere, D.V.M., M.S.** Fellow, Raptor Center, University of Minnesota, thesis committee
- Trish Kallemeier, M.D.** Resident, University of Minnesota, resident research project
- David Polga, B.S.** Medical student, University of Minnesota, medical student research project
- Brian Beaubien, B.S.** Master's student, Mechanical Engineering, University of Minnesota Thesis committee, undergraduate honors project committee
- Patrick Ebeling, M.D.** Resident, Orthopaedic Surgery, University of Minnesota, resident research project
- Marisa Sylvester, B.S.** REU, Biomedical Engineering, Louisiana State University, Baton Rouge, LA, undergraduate intern
- Robert Gilley, D.V.M, Ph.D.** Veterinary Medicine, University of Minnesota, thesis committee
- Jalila Abu, D.V.M., Ph.D.** Veterinary Medicine, University of Minnesota, thesis committee

Kyle Matthews, D.V.M., Ph.D. Veterinary Medicine, University of Minnesota, thesis committee

Chip Comadoll, M.D. Resident, Orthopaedic Surgery, University of Minnesota, resident research project

Tom Nelson, M.D. Resident, Orthopaedic Surgery, University of Minnesota, resident research project

Paul Diekmann, M.D. Resident, Orthopaedic Surgery, University of Minnesota, resident research project

Peter Holmberg, M.D. Resident, Orthopaedic Surgery, University of Minnesota, resident research project

Sara Rockswold, M.D. Resident, formerly Orthopaedic Surgery, University of Minnesota, resident research project

David Strothman, M.D. Research assistant, now in Orthopaedic Surgery Department, University of Minnesota, medical student project advisor

Steven Chow, M.S. Biomedical Engineering, University of Minnesota, currently medical student, University of Minnesota, thesis committee

Brian Hannon, B.S. REU, University of Nebraska, undergraduate intern

Sara Efflandt, Ph.D. Chemical Engineering and Materials Science, University of Minnesota, undergraduate intern

Ryan Collins, M.S. Biomedical Engineering, University of Minnesota, thesis committee and advisor

Kristin Johnson, M.S. Chemical Engineering and Materials Science, University of Minnesota, thesis committee and advisor

Marie Guion Johnson, M.S., Ph.D. Mechanical Engineering, University of Minnesota

Todd Gengerke, B.S. REU, University of Iowa, medical student, University of Minnesota, undergraduate research project

Hirak Chanda, M.S. Mechanical Engineering, University of Minnesota), thesis committee

Cheryl Riddle, M.D. REU, Duke University, then medical student, Duke University, Raleigh Durham, NC, undergraduate research project

Tracey McCarthy, M.D. REU, currently Ph.D. student, Rehabilitation Medicine at Loyola University, Chicago, IL, undergraduate research project

Randall Zimmerman, M.D. Medical student, University of Minnesota, medical student project

Kelly Grimes, M.S. Biomedical Engineering, University of Minnesota, thesis committee and advisor

Jennifer Pavlovic, Ph.D. Biomedical Engineering, University of Minnesota, thesis committee and advisor

Michael Campbell, M.S. Mechanical Engineering, University of Minnesota, thesis committee and advisor

Susan Sandvig, M.S. Mechanical Engineering, University of Minnesota, thesis committee and advisor

Jude Sasing, M.S. Biomedical Engineering, University of Minnesota, thesis committee and advisor
Nancy Pistole, M.S. Mechanical Engineering, University of Minnesota, thesis committee and advisor

Students: Other Institutions (co-advisees, mentors)

Sidsel Hastrup Medical student research year, University of Aarhus, Denmark
Thomas Vestergaard Jakobsen Medical student, doctoral student, Orthopaedic Surgery, University of Aarhus, Denmark
Henrik Daugaard, M.D. Doctoral student, Orthopaedic Surgery, University of Aarhus, Aarhus Denmark
Anders Lamberg, M.D. Doctoral student, Orthopaedic Surgery, University of Aarhus, Aarhus Denmark
Joergen Baas, M.D. Doctoral student, Orthopaedic Surgery, University of Aarhus, Aarhus Denmark
Søren Kold, M.D. Ph.D. Doctoral student, Orthopaedic Surgery, University of Aarhus, Aarhus Denmark
Thomas Bo Jensen, M.D. Doctoral student, Orthopaedic Surgery, University of Aarhus, Aarhus Denmark
Brian Elmengaard, M.D. Doctoral student, Orthopaedic Surgery, University of Aarhus, Aarhus Denmark
Marianne Vestermark Toft, M.D. Medical student research year, Orthopaedic Surgery, University of Aarhus, Aarhus Denmark
Christian Rahbek Medical student, Orthopaedic Surgery, University of Aarhus, Aarhus Denmark
Helle Pedersen Medical student, Orthopaedic Surgery, University of Aarhus, Aarhus Denmark
Thomas Vestergard Jacobsen Doctoral student, Orthopaedic Surgery, University of Aarhus, Aarhus Denmark
Dea Matthiesen Doctoral student, Orthopaedic Surgery, University of Aarhus, Aarhus, Denmark
Martin Skøtt Medical student, Orthopaedic Surgery, University of Aarhus, Aarhus, Denmark
Mette Oerskov Doctoral student, Orthopaedic Surgery, University of Aarhus, Aarhus, Denmark
Olivier Mouzin, Ph.D. Post-doctoral, Biomechanics, University of Toulouse, Toulouse, France
Annaig Pedrono, Ph.D. candidate, Mechanical Engineering, University of Toulouse, Toulouse, France
Michael Quick, M.D. Research Assistant, Orthopaedic Surgery, Freiburg University, Freiburg Germany
Sven Bock, B.S. Research Internship Mechanical Engineering, Berlin Technische University, Berlin, Germany)

Rolando Puno, M.D. Research fellow, Orthopaedic Surgery, University of Philippines, Manila, Philippines, currently private and academic practice, Louisville, KY

Yoichirio Dohmae, M.D. Research fellow, Orthopaedic Surgery, Niigata University, Niigata Japan

Hitoshi Shimagaki, M.D. Research fellow, Orthopaedic Surgery, Niigata University, Niigata Japan

Hideaki Touchi, M.D. Research fellow, Orthopaedic Surgery, Niigata University, Niigata Japan

Yoshinori Takahashi, M.D. Research fellow, Orthopaedic Surgery, Niigata University, Niigata Japan

Takeashi, Sato, M.D. Research fellow, Orthopaedic Surgery, Niigata University, Niigata Japan

Naoaki Onda, M.D. Research fellow, Orthopaedic Surgery, Niigata University, Niigata Japan

Ten Sobue, M.D. Research fellow, Orthopaedic Surgery, Niigata University, Niigata Japan

Hiro Segawa, M.D. Research fellow, Orthopaedic Surgery, Niigata University, Niigata Japan

Go Omori, M.D. Research fellow, Orthopaedic Surgery, Niigata University, Niigata Japan

Yoshinori Ishii, M.D. Research fellow, Orthopaedic Surgery, Niigata University, Niigata Japan

Taka Seki, M.D. Research fellow, Orthopaedic Surgery, Niigata University, Niigata Japan

Toshiaki Kitsugi, M.D. Research fellow, Orthopaedic Surgery, Kyoto University, Kyoto, Japan

Keerati Chareancholvanich, M.D. Research fellow, Orthopaedic Surgery, Mahidol University, Bangkok Thailand

Nung Lo, M.D. Research fellow, Orthopaedic Surgery, University of Singapore, Singapore

Luiz Sergio Marcelino Gomes, M.D. Research fellow, Orthopaedic Surgery, Sao Paulo Brazil

Sun, Bing-nan, Post-doctoral, Department of Civil Engineering, Zhejiang University, Hangzhou, People's Republic of China

Mentor Connection (high school seniors, Metropolitan Twin Cities, Minnesota)

Derek Southwell
Joseph Klaers
Sandy Vang
Stacey Tsukayama
Brad Froehle
Daniel Parrish
Lauren Marinaro

