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Curriculum Vitae

Higher education and professional experience:

Since January 2018

Department Head, Department of Physics, Colorado School of Mines, Golden, Colorado

Since April 2008

Professor (tenured), Department of Physics, Colorado School of Mines, Golden, Colorado

May 2009 – August 2016

Director, Nuclear Science and Engineering Center (NUSEC), Colorado School of Mines, Golden, Colorado

June 2007 – May 2010

Interim Academic Program Director Nuclear Engineering, Colorado School of Mines, Golden, Colorado

April 2003 – April 2008

Associate Professor (tenured), Department of Physics, Colorado School of Mines, Golden, Colorado

August 1999 – April 2003

Assistant Professor (tenure-track), Department of Physics, Colorado School of Mines, Golden, Colorado

February 1997 – August 1999

‘Wissenschaftlicher Assistent’ (~ non tenure-track Assistant Professor) of the faculty for physics and astronomy at the University of Bochum; radiation safety officer (open and closed radioactive sources, particle accelerators);

May 1994 - January 1997

“Wissenschaftlicher Mitarbeiter” (research associate and instructor) at the University of Bochum

May 1994

Ph.D. in physics (Dr. rer. nat.); title: Fusion reactions: On the way to thermal energies; RUB Bochum; Germany

December 1989 - May 1994

Graduate student (Ph.D.) at the University of Bochum (supervisor Prof. C. Rolfs);

November 1989

Diploma (M.S. with thesis) in physics; WWU Muenster, Germany

October 1983 - November 1989

Student of physics at the University of Münster (Germany).

Honors and Awards:

2010 Colorado School of Mines Dean's Excellence Award

2013-2015 Elected Faculty Senator

Research and Teaching Support:

Totals: Germany: 261,570 DM; United States: app. M\$12.5 (M\$10.5 managed as PI)

Other services or memberships:

July 1981 - June 1983, Service in the German Army; Unteroffizier (Sergeant)

Member of the American Physical Society (APS) and the American Association of University Professors (AAUP)

Former Graduate Students (funded via Greife research group):

Cybele Jewett (Ph.D. June 2005, now research scientist Atomic Energy of Canada Limited (AECL))

Jake Livesay (Ph.D. December 2006, now owner Mason Livesay Scientific LLC, Knoxville, TN)

Robert Hatarik (Ph.D. December 2005, now staff member Lawrence Livermore National Laboratory)

Ana Maria Hatarik nee Vicente (M.S. December 2005)

Bob Keith (Ph.D. March 2007, now staff scientist ITT Advanced Engineering and Sciences, Colorado Springs, CO)

Ellen Simmons (M.S. August 2005, now Postdoc Texas A&M)

Aaron McEvoy (M.S. August 2008, now scientist Tibbar Plasma Technologies)

Kelly Chipps (Ph.D. September 2008, now research staff, Oak Ridge National Laboratory)

Luke Erikson (Ph.D. October 2008, now staff member Pacific Northwest National Laboratory)

Nik Sunde (M.S. January 2009, now staff at Orbital Sciences Corporation, Chandler, AZ)

Nidhi Patel (Ph.D. September 2010, now postdoc Lawrence Berkeley National Laboratory)

Chris Farwell (M.S.-NT Nucl. Eng. December 2011, now reactor staff USGS Reactor, Lakewood, CO)

Dylan Hoback (M.S.-NT Mech. Eng. May 2011, now manufacturing engineer at Mountainside Medical, CO)

Luke Snyder (Ph.D. February 2012, now staff member Lawrence Livermore National Laboratory)

Bob Larson (Ph.D. Physics, December 2013, now consultant)

Elliot Grafil (M.S. Nucl. Eng. May 2009 and Ph.D. Physics, December 2014, now running his own software startup Mimir Games)

Devin Connolly (Ph.D. Physics December 2015, now postdoc TRIUMF, Canada)

Dana Duke (Ph.D. Physics December 2015, now postdoc Los Alamos National Laboratory)

David Jedrejic (Ph.D. Physics May 2016, now staff scientist Northrup Grumman)

Jeremy Bundgaard (Ph.D. Physics March 2017, now postdoc University of Tennessee/ORNL)

Osama AlZaabi (Ph.D. Nucl. Eng. December 2017, now staff scientist UAE)

Current Graduate Students:

Bill Moore (M.S. Nucl. Eng. May 2011, M.S.-NT Mech. Eng. May 2011 and Ph.D. Nucl. Eng.)

Adam Mahl (M.S. Nucl. Eng. December 2017 and Ph.D. Physics)

David Hensle (Ph.D. Physics)

Dan Higgins (Ph.D. Nucl. Eng.)

Matthew Lovely (Ph.D. Physics)

Joey Latta (Ph.D. Nucl. Eng.)

Jonathan Karpesky (Ph.D. Physics)