

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Gurumurthy Ramachandran, PhD  
 Program Area: Industrial Hygiene

**Table 1a**  
**Academic Training Report**  
**Previous Budget Period: July 1, 2013 to June 30, 2014**

<b>Degree Awarded</b>	<b>How Does Degree Read?</b>	<b>Total # Applicants to Degree Program</b>	<b>Total # Applicants Admitted to Degree Program</b>	<b># Full-Time Trainees Enrolled<sup>1</sup></b>	<b># Full-Time NIOSH-Supported Trainees</b>	<b># Part-Time Trainees Enrolled</b>	<b># Part-Time NIOSH-Supported Trainees</b>	<b># Trainees Graduated</b>
Baccalaureate								
Master's degree								
	Master of Public Health	6	0	1	1	4	1	2
	Master of Science	6	4	7	5	1	0	0
Doctorate degree								
	Doctor of Philosophy in Environmental Health	3	1	5	4	1	0	1
Post-doctoral (Formally registered Occupational Medicine residents in all years of the residency.) <sup>3</sup>								

Refer to: Supplemental Instructions, pages 10 and 11. Provide Table 1a for each academic program.

<sup>1</sup> Trainee counts include all students in the approved programs.

<sup>3</sup> In this case, there may be double counting between Masters and Post-doctoral (OM) categories.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Gurumurthy Ramachandran, PhD  
 Program Area: Industrial Hygiene

**Table 1b  
 Academic Training Report  
 Since Beginning of Project Period<sup>3</sup>**

<b>Degree Awarded</b>	<b>How Does Degree Read?</b>	<b>Total # Applicants to Degree Program</b>	<b>Total # Applicants Admitted to Degree Program</b>	<b># Full-Time Trainees Enrolled<sup>1</sup></b>	<b># Full-Time NIOSH-Supported Trainees</b>	<b># Part-Time Trainees Enrolled</b>	<b># Part-Time NIOSH-Supported Trainees</b>	<b># Trainees Graduated</b>
Baccalaureate								
Master's degree								
	Master of Public Health	29	10	7	5	10	9	7
	Master of Science	19	9	8	7	3	3	5
Doctorate degree								
	Doctor of Philosophy in Environmental Health	14	4	6	4	4	2	2
Post-doctoral (Formally registered Occupational Medicine residents in all years of the residency.) <sup>2</sup>								

Refer to: Supplemental Instructions, page 11. Provide Table 1b for each academic program.

<sup>1</sup> Trainee counts include all students in the approved programs.

<sup>2</sup> In this case, there may be double counting between Masters degree and Post-doctoral categories.

<sup>3</sup> Beginning of project period = start date of prior competing award.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Gurumurthy Ramachandran, PhD  
 Program Area: Industrial Hygiene

**Table 2**  
**Trainees Supported Since Beginning of Project Period<sup>1</sup>**  
**Progress Report for Competing Applications**

Trainee ID by year entered program	Identify NIOSH support with (N)	Identify Under Represented Minority with (URM)	Year Entered Program (yyyy)	Trainee's Previous Institution	Highest Degree at Program Entry	Year Previous Degree Awarded (yyyy)	For OM Trainees List Previous Residency Training Specialty	Name of Research Mentor (If applicable)	Title of Research Project (If applicable)
Year 1: July 1, 2010 to June 30, 2011									
100263	N	URM	1/5/2006	Univ Puerto Rico Mayaguez	Masters	2001		Raynor, P	Human time activity patterns for use in community based risk assessment
100233			1/20/2004	Univeristy of South Florida	Masters	1996		Ramachandran, G	Professional judgment in industrial hygiene decision-making
100275	N		9/1/2007	West Virginia University	Bachelors	1987		Raynor, P	Effects of charge neutralization on aerosol trajectory through an electrical field
100296	N		1/13/2007	Medical College of Ohio	Masters	2005		Ramachandran, G	Exposure modeling, heuristics, and industrial hygiene decision making
100285		URM	9/1/2008	University of Minnesota	Masters	2008		Ramachandran, G	Exposure reconstruction for asbestos and silica in the iron

									mining industry
100295	N	URM	9/1/2009	University of Minnesota	Masters	2009		Ramachandran, G	Exposure assessment for workers in the oil spill clean up operations after the Deepwater Horizon explosion
100312	N		9/1/2009	University of Minnesota	Bachelors	2004		Ramachandran, G	Fit Testing of Hearing Protection in a Large Occupational Survey
100311	N		9/1/2009	University of Minnesota	Bachelors	2007		Brosseau, L	Respiratory Protection for Private Pesticide Applicators
100246	N		9/1/2009	University of Wisconsin	Bachelors	2005		Brosseau, L	Real-Time Fit of a Respirator during Simulated Healthcare Tasks
100309	N		9/1/2009	University of Minnesota	Bachelors	1996		Brosseau, L	No Topic, Discontinued
100308	N		9/1/2009	Purdue University	Bachelors	2008		Ramachandran, G	A comparative review of statistical interpretation strategies for occupational air
100302	N		9/1/2009	University of Minnesota	Bachelors	1994		Raynor, P	Comparative Emissions of Random Orbital Sanding Conventional and Self-Generated Vacuum Systems
100303*	N		9/1/2009	University of North Dakota	Bachelors	1999		Raynor, P	Comparison of the Within-Location Variability to the Between-Worker Variability of Airborne Particle Concentrations in

									a Taconite Mining Operations
100305*			9/1/2009	University of Minnesota	Bachelors	2008		Brosseau, L	No topic. Discontinued
100306*	N		9/1/2009	Hamline University	Bachelors	2009		Raynor, P	Analysis of Mouse Urinary Protein Data at University of Minnesota Research Animal
100319	N		9/1/2010	University of Minnesota	Bachelors	1986		Raynor, P	Noise Reductions Associated with Air Nozzle Changes on a Punch Press
100325	N		9/1/2010	College of Saint Scholastica	Bachelors	1989		Raynor, P	Noise Exposures for Law Enforcement Officers at Collegiate Hockey Games
100324			9/1/2010	University of Iowa	Masters	1997		Brosseau, L	No topic. Discontinued
100343	N	URM	9/1/2010	University of Minnesota	Masters	2010		Raynor, P	Working title: Effects of Spray Surfactant and Particle Charge on Respirable Dust Control
100318*		URM	9/1/2010	University of Minnesota	Bachelors	2004		Raynor, P	Evaluating the Performance of a Surface Area Monitor and an Ultrafine Particle Counter using a Differential Mobility Analyzer
Year 2: July 1, 2011 to June 30, 2012									
100339	N		9/1/2011	Bemidji State University	Bachelors	2008		Ramachandran, G	Hearing Protection Attenuation Values over Time in a Population of

									Manufacturing Workers Using the E-A-Rfit Validation System
100338	N		9/1/2011	University of Miami	Doctoral	2006		Ramachandran, G	No topic. Discontinued
100344	N		9/1/2011	University of Minnesota	Masters	2002		Raynor, P	Working title: Evaluating the effectiveness of workplace safety interventions in university veterinary medical clinics
100331*	N		9/1/2011	Florida State University	Bachelors	2004		Ramachandran, G	Effect of Various Control Measures on Concentrations of Airborne Laboratory Animal
100341*	N		1/1/2012	Saint Catherine University	Bachelors	1993		Raynor, P	Flow Rate and Collection Efficiency of the MobilAir Xtractor 400 (Max400)
Year 3: July 1, 2012 to June 30, 2013									
100345	N	URM	1/1/2013	University of California	Bachelors	2012		Ramachandran, G	To be determined
100346	N		1/1/2013	Minnesota State University Moorhead	Bachelors	2008		Raynor, P	To be determined
100347	N		9/1/2012	Gustavus Adolphus College	Bachelors	2011		Raynor, P	Compressed Air Noise Reduction Among Air Guns in R&D Environments
100348	N		9/1/2012	University of Wisconsin	Bachelors	2010		Raynor, P	Comparison of Gasoline and Diesel-Powered Vehicles for Employee Exposure to Diesel Particulate

									Matter
Year 4: July 1, 2013 to June 30, 2014									
100355	N	URM	9/1/2013	TW - Chang Gung University	Bachelors	2008		Ramachandran, G	Mouse Urine Protein Exposure in an Animal Care Facility
100356			9/1/2013	University of California	Masters	1996		Ramachandran, G	Dermal exposure assessment modeling and validation
100357	N		9/1/2013	University of Minnesota	Bachelors	2013		Raynor, P	To be determined
100358		URM	9/1/2013	Xi'an Jiaotong University	Masters	2009		Ramachandran, G	To be determined
100359	N		1/1/2014	University of Minnesota	Bachelors	2012		Ramachandran, G	To be determined
Year 5: July 1, 2014 to June 30, 2015									
100360	N		9/1/2014	University of Minnesota	Bachelors	2010		To be determined	To be determined
100361		URM	9/1/2014	China University of Geosciences	Bachelors	2013		To be determined	To be determined
100362	N	URM	9/1/2014	Southern Illinois University	Masters	2011		To be determined	To be determined
100363	N		9/1/2014	Saint Olaf College, MN	Bachelors	2009		To be determined	To be determined

\*Students also enrolled in HSAT program.

Refer to: Supplemental Instructions, page 11. Provide Table 2 for each academic program.

<sup>1</sup> List trainees supported since the last competing renewal application, by year. Beginning of project period = start date of previous competing award.

<sup>2</sup> Trainee counts include all students in the approved programs.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Gurumurthy Ramachandran, PhD  
 Program Area: Industrial Hygiene

**Table 3**  
**Tracking Graduates-Academic Training Report<sup>1</sup>**  
**Since Beginning of Project Period**

Trainee ID	Identify NIOSH support with (N)	Identify Under Represented Minority with (URM)	Date Entered Program (mm/yy)	Date Degree Awarded (mm/yy)	Degree Awarded (MS, MPH, DrPH, PhD, etc.)	Specialty Area of Degree (IH, OHN, OS, etc.)	Date of Certificate of Completion (for Occ Med and other Certificate programs) (mm/yy)	Current Employment (Job Title/Employer/2 digit NAICS Code of Employer)	Employed in OS&H Field or Enrolled in OS&H Academic Program? Y/N
Year 1: July 1, 2010 to June 30, 2011									
100233			1/20/2004	12/23/2010	PhD	IH		Corporate Industrial Hygiene Manager, 3M Company (NAICS 33)	Y
100303*	N		9/1/2009	5/31/2011	MPH	IH		Industrial Hygiene Officer, U.S. Navy (NAICS 92)	Y
Year 2: July 1, 2011 to June 30, 2012									
100312	N		9/1/2009	12/16/2011	MS	IH		Industrial Hygienist, 3M Company (NAICS 33)	Y
100311			9/1/2009	7/29/2011	MPH	IH		Industrial Hygienist, 3M Company (NAICS 33)	Y
100302			9/1/2009	1/18/2012	MPH	IH		Environmental Manager, M. A. Mortenson Company in Minneapolis (NAICS 33)	Y
100306*	N		9/1/2009	10/31/2011	MS	IH		Junior Scientist, Department of Medicinal Chemistry, University of Minnesota (NAICS 61)	N
Year 3: July 1, 2012 to June 30, 2013									
100319	N		9/1/2010	11/30/2012	MS	IH		Industrial Hygiene Specialist,	Y

								Flint Hills Resources, St. Paul, MN (NAICS 54)	
100318*		URM	9/1/2010	10/15/2012	MPH	IH		Project Scientist, Environmental Resources Management, St. Paul, MN (NAICS 54)	Y
100331*	N		9/1/2011	5/31/2013	MPH	IH		Advanced Industrial Hygienist, 3M Corporate Research & Development Lab Safety Group, Maplewood, MN (NAICS 33)	Y
Year 4: July 1, 2013 to June 30, 2014									
100285		URM	9/1/2008	8/30/2013	PhD	IH		Post-doctoral Research Associate, National Cancer Institute, Bethesda, MD (NAICS 54)	Y
100311	N		9/1/2009	9/30/2013	MPH	IH		Health and Safety Specialist, Bay West LLC, St. Paul, MN (NAICS 54)	Y
100308	N		9/1/2009	11/27/2013	MPH	IH		Health, Safety & Environmental Manager at Akzo Nobel Coatings, Warsaw, Indiana (NAICS 33)	Y
100355	N	URM	9/1/2013	6/30/2014	MS	IH		Corporate Industrial Hygienist, Tenneco Company, Illinois	Y
100347	N		9/1/2012	5/30/2014	MS	IH		Industrial Hygienist, 3M Company (NAICS 33)	Y

\*Students also enrolled in HSAT program.

Refer to: Supplemental Instructions, pages 10 and 11. Provide Table 3 for each academic program.

<sup>1</sup> Graduate counts include all trainees graduated from the approved programs. Beginning of project period = start date of prior competing award.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Patricia M. McGovern, PhD, MPH, RN and Nancy Nachreiner, PhD, MPH, RN  
 Program Area: Occupational and Environmental Health Nursing

**Table 1a**  
**Academic Training Report**  
**Previous Budget Period: July 1, 2013 to June 30, 2014**

<b>Degree Awarded</b>	<b>How Does Degree Read?</b>	<b>Total # Applicants to Degree Program</b>	<b>Total # Applicants Admitted to Degree Program</b>	<b># Full-Time Trainees Enrolled<sup>1</sup></b>	<b># Full-Time NIOSH-Supported Trainees</b>	<b># Part-Time Trainees Enrolled</b>	<b># Part-Time NIOSH-Supported Trainees</b>	<b># Trainees Graduated</b>
Baccalaureate								
Master's degree								
	Master of Public Health	1	1	1	1	4	2	1
	Master of Public Health & Master of Science	0	0	0	0	0	0	0
Doctorate degree								
	Doctor of Philosophy in Environmental Health	1	0	1	1	1	1	0
Post-doctoral (Formally registered Occupational Medicine residents in all years of the residency.) <sup>3</sup>								

Refer to: Supplemental Instructions, pages 10 and 11. Provide Table 1a for each academic program.

<sup>1</sup> Trainee counts include all students in the approved programs.

<sup>3</sup> In this case, there may be double counting between Masters and Post-doctoral (OM) categories.

ERC Applicant Institution:

Program Director: Patricia M. McGovern, PhD, MPH, RN and Nancy Nachreiner, PhD, MPH, RN

Program Area: Occupational and Environmental Health Nursing

**Table 1b  
Academic Training Report  
Since Beginning of Project Period<sup>3</sup>**

<b>Degree Awarded</b>	<b>How Does Degree Read?</b>	<b>Total # Applicants to Degree Program</b>	<b>Total # Applicants Admitted to Degree Program</b>	<b># Full-Time Trainees Enrolled<sup>1</sup></b>	<b># Full-Time NIOSH-Supported Trainees</b>	<b># Part-Time Trainees Enrolled</b>	<b># Part-Time NIOSH-Supported Trainees</b>	<b># Trainees Graduated</b>
Baccalaureate								
Master's degree								
	Master of Public Health	10	9	7	5	5	3	5
	Master of Public Health & Master of Science	0	0	0	0	0	0	0
Doctorate degree								
	Doctor of Philosophy in Environmental Health	2	1	2	2	0	0	0
Post-doctoral (Formally registered Occupational Medicine residents in all years of the residency.) <sup>2</sup>								

Refer to: Supplemental Instructions, page 11. Provide Table 1b for each academic program.

<sup>1</sup> Trainee counts include all students in the approved programs.

<sup>2</sup> In this case, there may be double counting between Masters degree and Post-doctoral categories.

<sup>3</sup> Beginning of project period = start date of prior competing award.

ERC Applicant Institution:

Program Director: Patricia M. McGovern, PhD, MPH, RN and Nancy Nachreiner, PhD, MPH, RN

Program Area: Occupational and Environmental Health Nursing

**Table 2**  
**Trainees Supported Since Beginning of Project Period<sup>1</sup>**  
**Progress Report for Competing Applications**

<b>Trainee ID by year entered program</b>	<b>Identify NIOSH support with (N)</b>	<b>Identify Under Represented Minority with (URM)</b>	<b>Year Entered Program (yyyy)</b>	<b>Trainee's Previous Institution</b>	<b>Highest Degree at Program Entry</b>	<b>Year Previous Degree Awarded (mm/yy)</b>	<b>For OM Trainees List Previous Residency Training Specialty</b>	<b>Name of Research Mentor (If applicable)</b>	<b>Title of Research Project (If applicable)</b>
Year 1: July 1, 2010 to June 30, 2011									
100206			9/3/2002	Concordia College	Bachelors	1996		McGovern, P	Developing and Testing an Educational Intervention in Personal Preparedness
100286	N		9/1/2008	College of Saint Benedict	Bachelors	2002		McGovern, P	Development of a Return on Investment Tool: Establishing the Value of Occupational Health Nurses' Contributions to Worker Health and Safety
100304			9/1/2009	University of Minnesota	Bachelors	2005		Nachreiner, N	Bisphenol A: Nursing Implications for Worker Exposures

100313	N		1/1/2010	University of Minnesota	Masters	2011		Nachreiner, N	Working title: Hospital Security Guard Injuries
100322			9/1/2010	Saint Catherine University	Bachelors	2006		Nachreiner, N	Safety Climate and Respiratory Protection in Acute Health Care Program Components
100321			9/1/2010	University of Minnesota	Bachelors	1993		Nachreiner, N	The Value of Evaluation: Performance Appraisal and the Occupational Environmental Health Nurse
100320	N		9/1/2010	University of Minnesota	Bachelors	1986		Nachreiner, N	Quality Improvement Principles and Tools Used in Occupational Health Settings
Year 2: July 1, 2011 to June 30, 2012									
100342	N		1/1/2012	University of Nevada	Bachelors	2007		McGovern, P	Sustainable decision making: Factors influencing hospital purchases of disposable vs. nondisposable isolation gowns
100333	N		9/1/2011	University of Wisconsin	Bachelors	2007		Nachreiner, N	Working title: Commercial Vehicle Drivers: Drug Testing Differences by State
Year 3: July 1, 2012 to June 30, 2013									

100349	N		9/1/2012	Saint Catherine University	Bachelors	2005		Nachreiner, N	Working title: Development of a Police Department Onsite Wellness Program
100286	N		9/1/2012	University of Minnesota	Masters	2011		McGovern, P	Necessary Drugs, Unnecessary Exposures: An Intervention to Protect Oncology Healthcare Workers
Year 4: July 1, 2013 to June 30, 2014									
100367	N		9/1/2013	Minnesota State University - Mankato	Bachelors	2003		McGovern, P	To be determined
Year 5: July 1, 2014 to June 30, 2015									
100368	N		9/1/2014	Saint Olaf College	Bachelors	1988		McGovern, P	To be determined
100369	N		9/1/2014	Minnesota State University - Mankato	Bachelors	2008		McGovern, P	To be determined

Refer to: Supplemental Instructions, page 11. Provide Table 2 for each academic program.

<sup>1</sup> List trainees supported since the last competing renewal application, by year. Beginning of project period = start date of previous competing award.

<sup>2</sup> Trainee counts include all students in the approved programs.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Patricia M. McGovern, PhD, MPH, RN and Nancy Nachreiner, PhD, MPH, RN  
 Program Area: Occupational and Environmental Health Nursing

**Table 3**  
**Tracking Graduates-Academic Training Report<sup>1</sup>**  
**Since Beginning of Project Period**

Trainee ID	Identify NIOSH support with (N)	Identify Under Represented Minority with (URM)	Date Entered Program (mm/yy)	Date Degree Awarded (mm/yy)	Degree Awarded (MS, MPH, DrPH, PhD, etc.)	Specialty Area of Degree (IH, OHN, OS, etc.)	Date of Certificate of Completion (for Occ Med and other Certificate programs) (mm/yy)	Current Employment (Job Title/Employer/2 digit NAICS Code of Employer)	Employed in OS&H Field or Enrolled in OS&H Academic Program? Y/N
Year 1: July 1, 2010 to June 30, 2011									
100286	N		9/1/2008	5/31/2011	MPH	OHN		PhD candidate, Division of Environmental Health Sciences, University of Minnesota	Y
Year 2: July 1, 2011 to June 30, 2012									
100304			9/1/2009	8/31/2011	MPH	OHN		Nurse, Children's Hospital, Minneapolis	N
Year 3: July 1, 2012 to June 30, 2013									
100322			9/1/2010	5/31/2013	MPH	OHN		Occupational Health Nurse, NorthWorks Occupational Health	Y
100320	N		9/1/2010	5/8/2013	MPH	OHN		Infection Prevention Nurse, St. Cloud VA Health Care System	Y
Year 4: July 1, 2013 to June 30, 2014									
100321			9/1/2010	12/31/2013	MPH	OHN		Lead Nurse Consultant, Department of Homeland Security, Customs and Border Protection	Y

Refer to: Supplemental Instructions, pages 10 and 11. Provide Table 3 for each academic program.

<sup>1</sup> Graduate counts include all trainees graduated from the approved programs. Beginning of project period = start date of prior competing award.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Jeffrey Mandel, MD, MPH  
 Program Area: Occupational and Environmental Medicine

**Table 1a**  
**Academic Training Report**  
**Previous Budget Period: July 1, 2013 to June 30, 2014**

<b>Degree Awarded</b>	<b>How Does Degree Read?</b>	<b>Total # Applicants to Degree Program</b>	<b>Total # Applicants Admitted to Degree Program</b>	<b># Full-Time Trainees Enrolled<sup>1</sup></b>	<b># Full-Time NIOSH-Supported Trainees</b>	<b># Part-Time Trainees Enrolled</b>	<b># Part-Time NIOSH-Supported Trainees</b>	<b># Trainees Graduated</b>
Baccalaureate								
Master's degree								
Doctorate degree								
Post-doctoral (Formally registered Occupational Medicine residents in all years of the residency.) <sup>3</sup>								
	Master of Public Health	3	2	6	5			4

Refer to: Supplemental Instructions, pages 10 and 11. Provide Table 1a for each academic program.

<sup>1</sup> Trainee counts include all students in the approved programs.

<sup>3</sup> In this case, there may be double counting between Masters and Post-doctoral (OM) categories.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Jeffrey Mandel, MD, MPH  
 Program Area: Occupational and Environmental Medicine

**Table 1b  
 Academic Training Report  
 Since Beginning of Project Period<sup>3</sup>**

<b>Degree Awarded</b>	<b>How Does Degree Read?</b>	<b>Total # Applicants to Degree Program</b>	<b>Total # Applicants Admitted to Degree Program</b>	<b># Full-Time Trainees Enrolled<sup>1</sup></b>	<b># Full-Time NIOSH-Supported Trainees</b>	<b># Part-Time Trainees Enrolled</b>	<b># Part-Time NIOSH-Supported Trainees</b>	<b># Trainees Graduated</b>
Baccalaureate								
Master's degree								
Doctorate degree								
Post-doctoral (Formally registered Occupational Medicine residents in all years of the residency.) <sup>2</sup>								
	Master of Public Health*	17	13	16	12	0	0	10

Refer to: Supplemental Instructions, page 11. Provide Table 1b for each academic program.

\* Does not include one student in program who already had MPH degree prior to entry

<sup>1</sup> Trainee counts include all students in the approved programs.

<sup>2</sup> In this case, there may be double counting between Masters degree and Post-doctoral categories.

<sup>3</sup> Beginning of project period = start date of prior competing award.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Jeffrey Mandel, MD, MPH  
 Program Area: Occupational and Environmental Medicine

**Table 2**  
**Trainees Supported Since Beginning of Project Period<sup>1</sup>**  
**Progress Report for Competing Applications**

Trainee ID by year entered program	Identify NIOSH support with (N)	Identify Under Represented Minority with (URM)	Year Entered Program (yyyy)	Trainee's Previous Institution	Highest Degree at Program Entry	Year Previous Degree Awarded (mm/yy)	For OM Trainees List Previous Residency Training Specialty	Name of Research Mentor (If applicable)	Title of Research Project (If applicable)
Year 1: July 1, 2010 to June 30, 2011									
100272	N		7/1/2007	Creighton University	Doctoral	2000	Pathology	Greaves, I	ICOH Occupational Health Training Survey
100288	N		9/1/2008	The University of Texas	Doctoral	1986	Neuroscience	Mandel, J	Case report of a pulmonary embolus in an army aviator with Factor V deficiency, literature review & surveillance recommendations
100301		URM	8/27/2009	University of La Verne	Masters	1998	Family Medicine	Mandel, J	Withdrew from program on 8/26/10
100314	N	URM	5/24/2010	University of Minnesota	Masters	2003	Family Med & Ophthalmology	Mandel, J	Already had MPH
100315		URM	9/1/2010	Rangaraya medical college	Doctoral	2008	Surgery	Mandel, J	Occupation related spinal cord injuries in Minnesota from 1999-2009

100316	N		9/1/2010	Poznan University of Medical Sciences	Doctoral	2005	Internal Medicine	Mandel, J	Health Number Assessment: Participation Rates and Prevalence of Common Health Risk Factors in Production Employees at Three General Mills Inc. Plants
100326	N	URM	9/1/2010	University of Connecticut	Doctoral	2005	Internal Medicine	Mandel, J	Prevalence of Comorbidities and Their Influence on Absenteeism in a Working Subpopulation with Chronic Low Back Pain
Year 2: July 1, 2011 to June 30, 2012									
100336			7/1/2011	Virginia Commonwealth University	Doctoral	1974	Surgery	Mandel, J	None, discontinued 2011
100335	N		7/1/2011	University of Minnesota	Doctoral	2009	Anesthesiology	Mandel, J	Assessing the association between burnout and physician activity levels
100337	N	URM	11/1/2011	University Of Ibadan, College Of Medicine	Doctoral	2001	Family Practice	Mandel, J	Tdap vaccination among healthcare workers
Year 3: July 1, 2012 to June 30, 2013									
100350	N		9/1/2012	University of Minnesota	Doctoral	2010	Transitional	Mandel, J	Development and Implementation of a Physical Fitness Program for a Local Police

100351	N		9/1/2012	University of Minnesota	Doctoral	2010	Transitional	Mandel, J	Large Machinery-Related Agricultural Injuries Across A Five-State Midwest Region
100352			7/1/2012	Pennsylvania State University	Doctoral	2010	Obstetrics and gynecology	Mandel, J	Iron Ore Mining: A Literature Review of Exposures and Health Risks with a Focus on Iron
100377			9/1/2012	University of North Carolina	Doctoral	2008	Preventive Medicine	O'Neal, J	Descriptive Analysis of Blood and Body Fluid Exposures at a Major Healthcare System, 2009-2013, and the Design of a Data-driven intervention
100378		URM	7/1/2012	Hennepin County Medical Center	Doctoral	2006	Transitional	O'Neal, J	Occupationally acquired Entamoeba histolytica and Blastocystis hominis
Year 4: July 1, 2013 to June 30, 2014									
100371	N		9/1/2013	Central University of the Caribbean	Doctoral	2010	Family Medicine	Mandel, J	Literature review of social and health ramifications of night work in nurses
100372	N	URM	9/1/2013	University of Minnesota	Doctoral	2011	General Surgery	Mandel, J	Silica exposure and DNA markers
Year 5: July 1, 2014 to June 30, 2015									
100373	N		7/1/2014	Creighton University	Doctoral	2007	Surgery	Mandel, J	To be determined
100374	N		5/1/2014	University of	Doctoral	2010	Surgery	Mandel, J	To be determined

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Refer to: Supplemental Instructions, page 11. Provide Table 2 for each academic program.

<sup>1</sup> List trainees supported since the last competing renewal application, by year. Beginning of project period = start date of previous competing award.

<sup>2</sup> Trainee counts include all students in the approved programs.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Jeffrey Mandel, MD, MPH  
 Program Area: Occupational and Environmental Medicine

**Table 3**  
**Tracking Graduates-Academic Training Report<sup>1</sup>**  
**Since Beginning of Project Period**

Trainee ID	Identify NIOSH support with (N)	Identify Under Represented Minority with (URM)	Date Entered Program (mm/yy)	Date Degree Awarded (mm/yy)	Degree Awarded (MS, MPH, DrPH, PhD, etc.)	Specialty Area of Degree (IH, OHN, OS, etc.)	Date of Certificate of Completion (for Occ Med and other Certificate programs) (mm/yy)	Current Employment (Job Title/Employer/2 digit NAICS Code of Employer)	Employed in OS&H Field or Enrolled in OS&H Academic Program? Y/N
Year 1: July 1, 2010 to June 30, 2011									
100272	N		7/1/2007	8/31/2010	MPH	OEM	8/31/2010	Physician, St. Cloud VA Medical Center, St. Cloud, MN	Y
100314	N	URM	5/24/2010	Already had MPH		OEM	5/23/2011	Physician, Minneapolis VA Medical Center, Compensation & Pension	Y
100288	N		9/1/2008	8/31/2010	MPH	OEM	8/31/2010	Interim Director, Compensation & Pension, Minneapolis Veterans Administration Medical Center, Minneapolis, MN	Y
Year 2: July 1, 2011 to June 30, 2012									
100315		URM	9/1/2010	6/29/2012	MPH	OEM	7/6/2012	Staff Physician, Cheyenne Regional Medical Center, Cheyenne, WY	Y
100316	N		9/1/2010	6/29/2012	MPH	OEM	7/6/2012	Physician, Minneapolis VA Medical Center, Compensation & Pension	Y
100326	N	URM	9/1/2010	5/31/2012	MPH	OEM	6/30/2012	Resident, Physical Medicine and Rehabilitation Residency Program, Eastern Virginia	N

								Medical School	
Year 3: July 1, 2012 to June 30, 2013									
100335	N		7/1/2011	5/9/2013	MPH	OEM	6/30/2013	Staff Physician, HealthPartners Occupational & Env. Medicine	Y
Year 4: July 1, 2013 to June 30, 2014									
100337	N	URM	11/1/2011	7/31/2013	MPH	OEM	9/25/2013	Staff Physician, HealthPartners Occupational & Env. Medicine	Y
100352			7/1/2012	5/30/2014	MPH	OEM	4/30/2014	Medical Director, HealthForce, Occupational, Environmental and Preventive Medicine, Altoona Regional Health Systems, Altoona, PA	Y
100351	N		9/1/2012	6/6/2014	MPH	OEM	8/4/2014	Staff Physician, HealthPartners Occupational & Env. Medicine and Physician Consultant, State Fund	Y
100350	N		9/1/2012	6/2/2014	MPH	OEM	6/30/2014	Staff Physician, HealthPartners Occupational & Env. Medicine	Y
100378		URM	7/1/2012	6/30/2014	Already had MPH	OEM	6/30/2014	Staff Physician, Kaiser Medical Group, Sacramento, CA	Y

Refer to: Supplemental Instructions, pages 10 and 11. Provide Table 3 for each academic program.

<sup>1</sup> Graduate counts include all trainees graduated from the approved programs. Beginning of project period = start date of prior competing award.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Co-Program Directors: Patricia McGovern, PhD, MPH, RN and Bryan Dowd, PhD  
 Program Area: Occupational Health Services Research & Policy

**Table 1a**  
**Academic Training Report**  
**Previous Budget Period: July 1, 2013 to June 30, 2014**

<b>Degree Awarded</b>	<b>How Does Degree Read?</b>	<b>Total # Applicants to Degree Program</b>	<b>Total # Applicants Admitted to Degree Program</b>	<b># Full-Time Trainees Enrolled<sup>1</sup></b>	<b># Full-Time NIOSH-Supported Trainees</b>	<b># Part-Time Trainees Enrolled</b>	<b># Part-Time NIOSH-Supported Trainees</b>	<b># Trainees Graduated</b>
Baccalaureate								
Master's degree								
Doctorate degree								
	Doctor of Philosophy in Environmental Health or Doctor of Philosophy in Health Services Research, Policy and Administration	2	0	3	1	3	1	3
Post-doctoral (Formally registered Occupational Medicine residents in all years of the residency.) <sup>3</sup>								

Refer to: Supplemental Instructions, pages 10 and 11. Provide Table 1a for each academic program.

<sup>1</sup> Trainee counts include all students in the approved programs.

<sup>3</sup> In this case, there may be double counting between Masters and Post-doctoral (OM) categories.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Co-Program Directors: Patricia McGovern, PhD, MPH, RN and Bryan Dowd, PhD  
 Program Area: Occupational Health Services Research & Policy

**Table 1b  
 Academic Training Report  
 Since Beginning of Project Period<sup>3</sup>**

<b>Degree Awarded</b>	<b>How Does Degree Read?</b>	<b>Total # Applicants to Degree Program</b>	<b>Total # Applicants Admitted to Degree Program</b>	<b># Full-Time Trainees Enrolled<sup>1</sup></b>	<b># Full-Time NIOSH-Supported Trainees</b>	<b># Part-Time Trainees Enrolled</b>	<b># Part-Time NIOSH-Supported Trainees</b>	<b># Trainees Graduated</b>
Baccalaureate								
Master's degree								
Doctorate degree								
	Doctor of Philosophy in Environmental Health or Doctor of Philosophy in Health Services Research, Policy and Administration	8	3	5	5	4	3	4
Post-doctoral (Formally registered Occupational Medicine residents in all years of the residency.) <sup>2</sup>								

Refer to: Supplemental Instructions, page 11. Provide Table 1b for each academic program.

<sup>1</sup> Trainee counts include all students in the approved programs.

<sup>2</sup> In this case, there may be double counting between Masters degree and Post-doctoral categories.

<sup>3</sup> Beginning of project period = start date of prior competing award.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Co-Program Directors: Patricia McGovern, PhD, MPH, RN and Bryan Dowd, PhD  
 Program Area: Occupational Health Services Research & Policy

**Table 2**  
**Trainees Supported Since Beginning of Project Period<sup>1</sup>**  
**Progress Report for Competing Applications**

<b>Trainee ID by year entered program</b>	<b>Identify NIOSH support with (N)</b>	<b>Identify Under Represented Minority with (URM)</b>	<b>Year Entered Program (yyyy)</b>	<b>Trainee's Previous Institution</b>	<b>Highest Degree at Program Entry</b>	<b>Year Previous Degree Awarded (mm/yy)</b>	<b>For OM Trainees List Previous Residency Training Specialty</b>	<b>Name of Research Mentor (If applicable)</b>	<b>Title of Research Project (If applicable)</b>
Year 1: July 1, 2010 to June 30, 2011									
100307	N		9/1/2009	University of Minnesota	Masters	2008		Virnig, B	Cancer and the Medicare Disabled
100232	N		1/1/2004	University of Minnesota	Masters	2001		McGovern, P	The Effects of Job-Related Strains and Stressors on Mental Health Symptoms in National Guard Veterans Returning from Iraq
100252			1/1/2005	Brigham Young University	Bachelors	2003		Nyman, J/Dowd, B	Costs and outcomes of worksite wellness programs
100294	N		9/1/2008	University of Iowa	Masters	2006		McGovern, P	An Evaluation of the Association of Physical Inactivity and Sitting Time on Back Pain and Productivity Loss

									Among Services Sector Workers
100273	N	URM	9/1/2007	University of Minnesota	Masters	2007		McGovern, P	Smoking policies in Minnesota's Urban Indian Population
100297	N		1/15/2009	University of Michigan	Masters	2005		McGovern, P	Estimating the Burden of Serious Farm-Related Injury in Minnesota
100317	N		9/1/2010	Carleton College	Bachelors	2005		McGovern, P	Discontinued 9/1/2013
Year 2: July 1, 2011 to June 30, 2012									
100328	N		9/1/2011	University of Mary Washington	Bachelors	2010		McGovern, P	To be determined
Year 3: July 1, 2012 to June 30, 2013									
Year 4: July 1, 2013 to June 30, 2014									
Year 5: July 1, 2014 to June 30, 2015									
100370	N		9/1/2014	University of Iowa	Masters	2007		To be determined	To be determined

Refer to: Supplemental Instructions, page 11. Provide Table 2 for each academic program.

<sup>1</sup> List trainees supported since the last competing renewal application, by year. Beginning of project period = start date of previous competing award.

<sup>2</sup> Trainee counts include all students in the approved programs.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Co-Program Directors: Patricia McGovern, PhD, MPH, RN and Bryan Dowd, PhD  
 Program Area: Occupational Health Services Research & Policy

**Table 3**  
**Tracking Graduates-Academic Training Report<sup>1</sup>**  
**Since Beginning of Project Period**

Trainee ID	Identify NIOSH support with (N)	Identify Under Represented Minority with (URM)	Date Entered Program (mm/yy)	Date Degree Awarded (mm/yy)	Degree Awarded (MS, MPH, DrPH, PhD, etc.)	Specialty Area of Degree (IH, OHN, OS, etc.)	Date of Certificate of Completion (for Occ Med and other Certificate programs) (mm/yy)	Current Employment (Job Title/Employer/2 digit NAICS Code of Employer)	Employed in OS&H Field or Enrolled in OS&H Academic Program? Y/N
Year 1: July 1, 2010 to June 30, 2011									
Year 2: July 1, 2011 to June 30, 2012									
100307	N		9/1/2009	12/30/2011	PhD	OHSRP		Assistant Professor, Department of Epidemiology and Biostatistics, School of Medicine, University of Texas Health Science Center	Y
Year 3: July 1, 2012 to June 30, 2013									
Year 4: July 1, 2013 to June 30, 2014									
100232	N		1/1/2004	12/31/2013	PhD	OHSRP		Data Analyst, Employee Health Promotion Disease Prevention Program , Veterans Health Administration (VHA), Office of Public Health, Occupational Health Strategic Health Care Group , Minneapolis, MN	Y
100294	N		9/1/2008	1/31/2014	PhD	OHSRP		Evidence-based Practice	Y

								Methodologist, Allina Health Performance Resources, Library Services, and Quality, Safety and Accreditation, Division of Applied Research & Health Performance Resources, Allina Health, Minneapolis	
100297	N		1/15/2009	5/30/2014	PhD	OHSRP		Epidemiologist, Center for Occupational Safety and Health, Minnesota Department of Health	Y

Refer to: Supplemental Instructions, pages 10 and 11. Provide Table 3 for each academic program.

<sup>1</sup> Graduate counts include all trainees graduated from the approved programs. Beginning of project period = start date of prior competing award.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Bruce H. Alexander, PhD  
 Program Area: Occupational and Environmental Epidemiology

**Table 1a**  
**Academic Training Report**  
**Previous Budget Period: July 1, 2013 to June 30, 2014**

<b>Degree Awarded</b>	<b>How Does Degree Read?</b>	<b>Total # Applicants to Degree Program</b>	<b>Total # Applicants Admitted to Degree Program</b>	<b># Full-Time Trainees Enrolled<sup>1</sup></b>	<b># Full-Time NIOSH-Supported Trainees</b>	<b># Part-Time Trainees Enrolled</b>	<b># Part-Time NIOSH-Supported Trainees</b>	<b># Trainees Graduated</b>
Baccalaureate								
Master's degree								
	Master of Science	1	1	1	0	0	0	0
Doctorate degree								
	Doctor of Philosophy in Environmental Health	6	0	5	3	1	0	3
Post-doctoral (Formally registered Occupational Medicine residents in all years of the residency.) <sup>3</sup>								

Refer to: Supplemental Instructions, pages 10 and 11. Provide Table 1a for each academic program.

<sup>1</sup> Trainee counts include all students in the approved programs.

<sup>3</sup> In this case, there may be double counting between Masters and Post-doctoral (OM) categories.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Bruce H. Alexander, PhD  
 Program Area: Occupational and Environmental Epidemiology

**Table 1b  
 Academic Training Report  
 Since Beginning of Project Period<sup>3</sup>**

<b>Degree Awarded</b>	<b>How Does Degree Read?</b>	<b>Total # Applicants to Degree Program</b>	<b>Total # Applicants Admitted to Degree Program</b>	<b># Full-Time Trainees Enrolled<sup>1</sup></b>	<b># Full-Time NIOSH-Supported Trainees</b>	<b># Part-Time Trainees Enrolled</b>	<b># Part-Time NIOSH-Supported Trainees</b>	<b># Trainees Graduated</b>
Baccalaureate								
Master's degree								
	Master of Public Health	2	0	0	0	0	0	0
	Master of Science	1	1	1	0	0	0	0
Doctorate degree								
	Doctor of Philosophy in Environmental Health	24	7	5	5	2	1	3
Post-doctoral (Formally registered Occupational Medicine residents in all years of the residency.) <sup>2</sup>								

Refer to: Supplemental Instructions, page 11. Provide Table 1b for each academic program.

<sup>1</sup> Trainee counts include all students in the approved programs.

<sup>2</sup> In this case, there may be double counting between Masters degree and Post-doctoral categories.

<sup>3</sup> Beginning of project period = start date of prior competing award.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Bruce H. Alexander, PhD  
 Program Area: Occupational and Environmental Epidemiology

**Table 2**  
**Trainees Supported Since Beginning of Project Period<sup>1</sup>**  
**Progress Report for Competing Applications**

<b>Trainee ID by year entered program</b>	<b>Identify NIOSH support with (N)</b>	<b>Identify Under Represented Minority with (URM)</b>	<b>Year Entered Program (yyyy)</b>	<b>Trainee's Previous Institution</b>	<b>Highest Degree at Program Entry</b>	<b>Year Previous Degree Awarded (mm/yy)</b>	<b>For OM Trainees List Previous Residency Training Specialty</b>	<b>Name of Research Mentor (If applicable)</b>	<b>Title of Research Project (If applicable)</b>
Year 1: July 1, 2010 to June 30, 2011									
Year 2: July 1, 2011 to June 30, 2012									
100329	N		9/1/2011	University of Minnesota	Masters	2010		Alexander, B	Lung cancer incidence and mortality in Taconite workers
100330	N		9/1/2011	University of Minnesota	Doctoral	2008		Alexander, B	Mesothelioma and pleural abnormalities in taconite workers
100334		URM	7/1/2011	University of Minnesota	Masters	2011		Mandel, J	Nonmalignant respiratory disease in taconite workers
100332	N		9/1/2011	University of Arizona	Masters	2002		Alexander, B	Perfluorooctanoate Exposure and mortality in 3M chemical workers
100340	N		9/1/2011	University of Michigan	Masters	2004		Maldonado, G	Application of uncertainty analysis

									and meta-analysis to estimate a causal measure of effect for ischemic heart disease among chemical production workers occupationally exposed to tcdd-contaminated chlorophenols and phenoxy herbicides
Year 3: July 1, 2012 to June 30, 2013									
100354	N		7/1/2012	University of Minnesota	Masters	2010		Alexander, B	The risk of cataracts from occupational ionizing radiation exposure in the U.S.
Year 4: July 1, 2013 to June 30, 2014									
100375		URM	9/1/2013	University of Iowa	Bachelors	2013		Alexander, B	To be determined
Year 5: July 1, 2014 to June 30, 2015									
100376	N		9/1/2014	University of Illinois - Chicago	Masters	2014		Alexander, B/ Bender, J	To be determined

Refer to: Supplemental Instructions, page 11. Provide Table 2 for each academic program.

<sup>1</sup> List trainees supported since the last competing renewal application, by year. Beginning of project period = start date of previous competing award.

<sup>2</sup> Trainee counts include all students in the approved programs.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Program Director: Bruce H. Alexander, PhD  
 Program Area: Occupational and Environmental Epidemiology

**Table 3**  
**Tracking Graduates-Academic Training Report<sup>1</sup>**  
**Since Beginning of Project Period**

Trainee ID	Identify NIOSH support with (N)	Identify Under Represented Minority with (URM)	Date Entered Program (mm/yy)	Date Degree Awarded (mm/yy)	Degree Awarded (MS, MPH, DrPH, PhD, etc.)	Specialty Area of Degree (IH, OHN, OS, etc.)	Date of Certificate of Completion (for Occ Med and other Certificate programs) (mm/yy)	Current Employment (Job Title/Employer/2 digit NAICS Code of Employer)	Employed in OS&H Field or Enrolled in OS&H Academic Program? Y/N
Year 1: July 1, 2010 to June 30, 2011									
Year 2: July 1, 2011 to June 30, 2012									
Year 3: July 1, 2012 to June 30, 2013									
Year 4: July 1, 2013 to June 30, 2014									
100330	N		9/1/2011	2/28/2014	PhD	OEE		Medical student, University of Minnesota Medical Scientist Training Program	N
100332	N		9/1/2011	12/31/2013	PhD	OEE		Global Health Foreign Service Officer at USAID	N
100329	N		9/1/2011	6/30/2014	PhD	OEE		Post-Doctoral Position, University of Minnesota	Y

Refer to: Supplemental Instructions, pages 10 and 11. Provide Table 3 for each academic program.

<sup>1</sup> Graduate counts include all trainees graduated from the approved programs. Beginning of project period = start date of prior competing award.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Co-Program Directors: Susan Goodwin Gerberich, PhD, MSPH and Bruce H. Alexander, PhD  
 Program Area: Occupational Injury Prevention Research Training Program

**Table 1a**  
**Academic Training Report**  
**Previous Budget Period: July 1, 2013 to June 30, 2014**

<b>Degree Awarded</b>	<b>How Does Degree Read?</b>	<b>Total # Applicants to Degree Program</b>	<b>Total # Applicants Admitted to Degree Program</b>	<b># Full-Time Trainees Enrolled<sup>1</sup></b>	<b># Full-Time NIOSH-Supported Trainees</b>	<b># Part-Time Trainees Enrolled</b>	<b># Part-Time NIOSH-Supported Trainees</b>	<b># Trainees Graduated</b>
Baccalaureate								
Master's degree								
	Master of Public Health	0	0	1	0	0	0	1
Doctorate degree								
	Doctor of Philosophy in Environmental Health	3	3	5	2	0	0	2
Post-doctoral (Formally registered Occupational Medicine residents in all years of the residency.) <sup>3</sup>								

Refer to: Supplemental Instructions, pages 10 and 11. Provide Table 1a for each academic program.

<sup>\*</sup>One student was in both MPH and PhD programs during the previous budget period

<sup>1</sup> Trainee counts include all students in the approved programs.

<sup>3</sup> In this case, there may be double counting between Masters and Post-doctoral (OM) categories.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Co-Program Directors: Susan Goodwin Gerberich, PhD, MSPH and Bruce H. Alexander, PhD  
 Program Area: Occupational Injury Prevention Research Training Program

**Table 1b  
 Academic Training Report  
 Since Beginning of Project Period<sup>3</sup>**

<b>Degree Awarded</b>	<b>How Does Degree Read?</b>	<b>Total # Applicants to Degree Program</b>	<b>Total # Applicants Admitted to Degree Program</b>	<b># Full-Time Trainees Enrolled<sup>1</sup></b>	<b># Full-Time NIOSH-Supported Trainees</b>	<b># Part-Time Trainees Enrolled</b>	<b># Part-Time NIOSH-Supported Trainees</b>	<b># Trainees Graduated</b>
Baccalaureate								
Master's degree								
	Master of Public Health	1	1	1	0	0	0	1
	Master of Science	0	0	1	0	0	0	1
Doctorate degree								
	Doctor of Philosophy in Environmental Health	6	5	8	5	0	0	4
Post-doctoral (Formally registered Occupational Medicine residents in all years of the residency.) <sup>2</sup>								

Refer to: Supplemental Instructions, page 11. Provide Table 1b for each academic program.

<sup>1</sup> Trainee counts include all students in the approved programs.

<sup>2</sup> In this case, there may be double counting between Masters degree and Post-doctoral categories.

<sup>3</sup> Beginning of project period = start date of prior competing award.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Co-Program Directors: Susan Goodwin Gerberich, PhD, MSPH and Bruce H. Alexander, PhD  
 Program Area: Occupational Injury Prevention Research Training Program

**Table 2**  
**Trainees Supported Since Beginning of Project Period<sup>1</sup>**  
**Progress Report for Competing Applications**

<b>Trainee ID by year entered program</b>	<b>Identify NIOSH support with (N)</b>	<b>Identify Under Represented Minority with (URM)</b>	<b>Year Entered Program (yyyy)</b>	<b>Trainee's Previous Institution</b>	<b>Highest Degree at Program Entry</b>	<b>Year Previous Degree Awarded (mm/yy)</b>	<b>For OM Trainees List Previous Residency Training Specialty</b>	<b>Name of Research Mentor (If applicable)</b>	<b>Title of Research Project (If applicable)</b>
Year 1: July 1, 2010 to June 30, 2011									
100216	N	URM	6/13/2003	Drexel University	Masters	2003		Gerberich, S	Occupational Stress and Burnout: The Risk of Work-Related Violence
100327		URM	9/1/2008	Kaohsiung Medical University, Taiwan	Bachelors	2007		Gerberich, S	Work-Related Violence against Educators in Minnesota: Rates and Risks Based on Hours Exposed
100274	N		9/1/2007	University of Minnesota, Duluth	Masters	2005		Alexander, B	Risks Associated with Injury Rates and Severity in Small- to Medium-Sized Construction Companies
100300	N	URM	6/1/2009	University of Buffalo	Masters	2009		Gerberich, S	An Epidemiological Approach to Emergency Vehicle Advanced

									Warning System Development: A Two-Phase Study
100327		URM	9/1/2010	University of Minnesota	Masters	2010		Gerberich, S	Incidence of and Risk Factors for Occupational Injury among Transit Bus Operators
Year 2: July 1, 2011 to June 30, 2012									
Year 3: July 1, 2012 to June 30, 2013									
100353		URM	9/1/2012	All India Institute of Medical Sciences	Bachelors	2012		Gerberich, S	Minnesota Hospital-Treated Injuries Due to Work-Related Assaults: Trends During Changing Economic Times (2002-2012)
Year 4: July 1, 2013 to June 30, 2014									
100353		URM	1/1/2014	University of Minnesota	Masters	2013		Gerberich, S	To be determined
100364	N		1/1/2014	University of Tennessee	Bachelors	2009		Gerberich, S	To be determined
100365	N	URM	6/1/2014	University of Iowa	Masters	2014		Gerberich, S	To be determined
Year 5: July 1, 2014 to June 30, 2015									
100366		URM	9/1/2014	University of Minnesota/Jilin University, China	Masters	2014/2013		Gerberich, S	To be determined

Refer to: Supplemental Instructions, page 11. Provide Table 2 for each academic program.

\*Student was in both Masters and Doctorate programs during reporting period

<sup>1</sup> List trainees supported since the last competing renewal application, by year. Beginning of project period = start date of previous competing award.

<sup>2</sup> Trainee counts include all students in the approved programs.

ERC Applicant Institution: University of Minnesota, School of Public Health  
 Co-Program Directors: Susan Goodwin Gerberich, PhD, MSPH and Bruce H. Alexander, PhD  
 Program Area: Occupational Injury Prevention Research Training Program

**Table 3**  
**Tracking Graduates-Academic Training Report<sup>1</sup>**  
**Since Beginning of Project Period**

Trainee ID	Identify NIOSH support with (N)	Identify Under Represented Minority with (URM)	Date Entered Program (mm/yy)	Date Degree Awarded (mm/yy)	Degree Awarded (MS, MPH, DrPH, PhD, etc.)	Specialty Area of Degree (IH, OHN, OS, etc.)	Date of Certificate of Completion (for Occ Med and other Certificate programs) (mm/yy)	Current Employment (Job Title/Employer/2 digit NAICS Code of Employer)	Employed in OS&H Field or Enrolled in OS&H Academic Program? Y/N
Year 1: July 1, 2010 to June 30, 2011									
100327*		URM	9/1/2008	12/9/2010	MS	OIPRT		Research Assistant, HumanFirst Program, Mechanical Engineering, University of Minnesota	Y
Year 2: July 1, 2011 to June 30, 2012									
100216	N	URM	6/13/2003	6/30/2012	PhD	OIPRT		Analyst, Computer Technology Associates, Contract Support for Defense Centers of Excellence, Resilience and Prevention, Maryland	Y
100274	N		9/1/2007	6/30/2012	PhD	OIPRT		Senior Loss Prevention Representative, SFM (formerly State Fund Mutual), a workers' compensation insurer, Minnesota	Y
Year 3: July 1, 2012 to June 30, 2013									
Year 4: July 1, 2013 to June 30, 2014									

100353*		URM	9/1/2012	10/1/2014	MPH	OIPRT		PhD Student, School of Public Health; Research Assistant, Humphrey Institute, University of Minnesota	Y
100300	N	URM	6/1/2009	1/31/2014	PhD	OIPRT		Injury Epidemiologist III, Texas Department of State Health Services, Epidemiologist Team Lead	Y
100327*		URM	9/1/2010	5/30/2014	PhD	OIPRT		Fellowship, Center for Workers' Compensation Studies, National Institute for Occupational Safety and Health, Cincinnati, Ohio	Y

Refer to: Supplemental Instructions, pages 10 and 11. Provide Table 3 for each academic program.

\*Student was in both Masters and Doctorate programs during reporting period

<sup>1</sup> Graduate counts include all trainees graduated from the approved programs. Beginning of project period = start date of prior competing award.