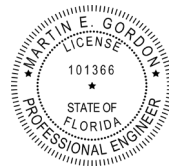


CURRICULUM VITAE

January 18, 2026

Prof. Martin E. Gordon, PE, DFE, F.NSPE, F.NAFE, F.ASEE

Past-President and Fellow, National Academy of Forensic Engineers



1. Name Prof. Martin E. Gordon, PE, DFE, F.NSPE, F.NAFE, F.ASEE
2. Affiliation Rochester Institute of Technology
College of Engineering Technology
Department of Mechanical and Manufacturing Engineering Technology
3. Age 65
4. Academic Rank Professor and Director of External Academic Relations
5. Degrees

BS – Mechanical Engineering	University at Buffalo
MS – Mechanical/Systems Engineering	University at Buffalo
MBA - Organizational Behavior Focus	University at Buffalo
6. Years of Service as Faculty at RIT / Total Years of Professional Experience
31 years at RIT / 45 total years of professional experience
7. Professional Registrations
Registered Professional Engineer, NY – 080518; FL – 101366; PA - PE092016; TX – 135567; MA – 60446; ID - 2071981
Board Certified Diplomate in Forensic Engineering by NAFE, a CESB Member, Fellow No. 699
Certified Bosch CDR Trainer/Mentor and Data Analyst
8. Other Teaching Experience and Service
Niagara County Community College – Mechanical Technology Advisory Board – 2006 - 2016
Adjunct Faculty - University at Buffalo - Mechanical and Aerospace Engineering – 2004-2006
Teaching Assistant - University at Buffalo, 1982-1984; Laboratory Instructor - University at Buffalo, 1982-1984
9. Full-time Industrial Experience
Moog Incorporated, East Aurora, NY; Systems Application Engineer, Project Engineer, Senior Project Engineer, Product Manager; 1984 - 1995.
10. Selected Courses Taught

Traffic Accident Reconstruction	Land Vehicle Dynamics	Human Factors & Ergonomics
Failure Mechanics	Applied Mechanics	Principles of Mechanical Design
Materials Testing	Dynamics	Computer Applications for Engineering
Statics	Fluid Mechanics	Parametric Modeling and CAD
Heat Transfer	Thermodynamics	Assembly Automation
Metrology	Applied Structural FEA	Thermofluids Lab
Strength of Materials	Machine Design	Vibration and Noise
Mechanical Analysis and Design	Mechanical Dynamics	Pneumatics and Hydraulics
11. Forensic Engineering and Expert Witness Experience
I have worked on over 350 forensic engineering cases. My caseload is balanced between plaintiff (55%) and defense (45%). I have testified in 16 courtroom trials/hearings with a presiding judge. I've testified in both state and federal courts and have been deposed on multiple occasions. Cases include civil and criminal matters. My testimony has never been excluded. Client references available upon request.
12. Scientific and Professional Societies
National Academy of Forensic Engineers (NAFE) – Past-President and Fellow, Chair – Bylaws Committee
American Society for Engineering Education (ASEE) – Fellow, Past VP of Ext. Relations, Past VP of Institutional. Councils
National Society of Professional Engineers (NSPE) – Fellow, Past Northeast Regional Director
Journal of the National Academy of Forensic Engineers – Past Editor-in-Chief
SAE (formerly known as the Society of Automotive Engineers) – Past-Chairman WNY Section, ABET Relations Committee
New York Statewide Traffic Accident Reconstruction Society (NYSTARS) - Member
National Council of Examiners for Engineering and Surveying (NCEES), POLC, 2018-2019 Education Committee

13. Selected Meetings, Seminars and Special Training Attended

NAFE January 2026 Forensic Engineering Technical Seminars
NAFE January 2026 Forensic Engineering Education Seminars
NSPE PECon, Kansas City, MO, August 2025
NYSSPE Annual Conference June 2025
NAFE January 2025 Forensic Engineering Technical Seminars
NAFE January 2025 Forensic Engineering Education Seminars
Engineering Technology Leadership Institute, Rochester, NY October 2024
NSPE PECon, Raliegh, NC, August 2024
NAFE July 2024 Forensic Engineering Technical Seminars
NYSSPE Annual Conference June 2024
NAFE January 2024 Forensic Engineering Technical Seminars
Engineering Technology Leadership Institute, October 2023
NSPE PECon, Louisville, KY, August 2023.
NAFE January 2023 Forensic Engineering Technical Seminars
NAFE January 2023 Forensic Engineering Education Seminars
Engineering Technology Leadership Institute, October 2022
ASEE Engineering Technology Leadership Institute, September 2022.
NAFE July 2022 Forensic Engineering Technical Seminars
NAFE July 2022 Forensic Engineering Education Seminars
ASEE Annual Conference, June 2022.
ASEE Conference on Industry and Education Partnerships, February 2022
NAFE July 2021 Forensic Engineering Technical Seminars
NAFE July 2021 Forensic Engineering Education Seminars
NAFE January 2021 Forensic Engineering Technical Virtual Seminar
NAFE January 2021 Forensic Engineering Education Virtual Seminar
ASME Connect the Dots Convening 2020 – Keynote Speaker
NAFE July 2020 Education Virtual Seminar – General Forensic Engineering
NAFE January 2020 Forensic Engineering Seminar –Moderator, Mechanical Tracks
NAFE January 2020 Special Topics Seminar – General, Marine and Aquatics Forensic Engineering Tracks
Engineering Technology Leadership Institute, October 2019
NCEES Annual Congress, August 2019
NAFE July 2019 Forensic Engineering Seminar – Accident Reconstruction Track and Mechanical Track
NAFE July 2019 Special Topics Seminar – General Forensic Engineering
ASEE Annual Conference, June 2019
ASEE Conference on Industry and Education Partnerships, February 2019
NAFE January 2019 General Topics in Forensic Engineering Seminar – General Track
NAFE January 2019 Special Topics Seminar, Mock Depositions
NYSTARS Joint Conference October 2018 – General Sessions on Accident Reconstruction
ASEE Engineering Technology Leadership Institute, October 2018
NCEES Annual Congress, August 2018
NAFE July 2018 General Topics in Forensic Engineering Seminar – Accident Reconstruction Track
NAFE July 2018 Special Topics Seminar – Forensic Photography, Crash Tests, Forensic Surveying, Mock Trial
NSPE Conference, July 2018
ASEE Annual Conference, June 2018
New York State Police CRU Training June 2018 – assisted with equipment and setup
NAE-AAES Convocation of the Professional Engineering Societies (by invitation) April 2018 - Cybersecurity
NYSTARS March 2018 Seminar - Forensic Photography and Reconstruction Case Studies
ASEE Conference on Industry and Education Partnerships, February 2018
NAFE January 2018 General Topics in Forensic Engineering Seminar – Accident Reconstruction Track
NAFE January 2018 Special Topics Seminar – Fire Investigation Track
Engineering Technology Leadership Institute, October 2017
NAFE July 2017 General Topics in Forensic Engineering Seminar – Accident Reconstruction Track
NAFE July 2017 Special Topics Seminar
ASEE Annual Conference, June 2017
AAES National Engineering Public Policy Symposium (by invitation) May 2017
NAE-AAES Convocation of the Professional Engineering Societies (by invitation) May 2017 – Autonomous Vehicles

New York State Police CRU Training April 2017 – assisted with setup and training
ASEE Conference on Industry and Education Partnerships, February 2017
NAFE January 2017 General Topics in Forensic Engineering Seminar – Accident Reconstruction Track
NAFE January 2017 Special Topics Seminar
Engineering Technology Leadership Institute, October 2016
NAFE July 2016 General Topics in Forensic Engineering Seminar
ASEE Annual Conference and Seminars, June 2016
New York State Police CRU Training April 2016 – developed e-brake system and assisted with setup and training
NAFE January 2016 General Topics in Forensic Engineering Seminar
NAFE January 2016 Special Topics Seminar – Accident Reconstruction Breakout
Engineering Technology Leadership Institute, September 2015
NAFE July 2015 General Topics in Forensic Engineering Seminar
NAFE July 2015 Special Topics Seminar - Accident Reconstruction Breakout
New York State Police CRU Training April 2015 – by invitation
NAFE January 2015 General Topics in Forensic Engineering Seminar
NAFE January 2015 Ethics, Rules & Laws, Daubert Proofing and Unreasonably Dangerous Products Seminar
DSD PC-Crash Advanced Simulation Training July 2014
NAFE July 2014 General Topics in Forensic Engineering Seminar
New York State Police CRU Training April 2014 – by invitation
NAFE July 2013 General Topics in Forensic Engineering Seminar
NAFE July 2013 Advanced Accident Reconstruction Seminar
New York State Police CRU Training April 2013 – by invitation
ARC-SCI January 2013 CDR Summit
ARC-CSI January 2013 CDR Trainer/Mentor Course
ARC-CSI May 2012 Crash Conference
New York State Police CRU Training April 2012 – by invitation
NAFE January 2012 General Topics in Forensic Engineering Seminar
NAFE January 2012 Reports, Affidavits, Depositions and Ethics Seminar
CSI June 2011 Certified Bosch CDR Data Analyst Training
ARC-SCI May 2011 Crash Conference
New York State Police CRU Training April 2011 – by invitation
NAFE January 2011 General Topics in Forensic Engineering Seminar
NAFE January 2010 General Topics in Forensic Engineering Seminar
NAFE January 2009 General Topics in Forensic Engineering Seminar
NAFE January 2009 Gathering, Storing, Analyzing, Documenting and Reporting Seminar
NAFE January 2008 General Topics in Forensic Engineering Seminar
NAFE January 2008 Medical Information and Standards for Engineering Evidence Seminar

14. Engineering Analysis, General Consulting and Other Related Experience

Cummins Engine, Jamestown, NY	Moog Incorporated, East Aurora, NY
Prentice-Hall, Upper Saddle River, NJ	Johnson and Johnson, OCD, Rochester, NY
SAIC, Washington, DC	JC Carter Incorporated, Costa Mesa, CA
Thermo Fisher Scientific, Rochester, NY	Tactair, Syracuse, NY

Student Hosting Program, Rochester, VT – Assistant Bicycle Tour Leader and Bike Mechanic

15. Selected Publications and Conference Presentations

Gordon, M.E., “Forensic Engineering: Lessons from the Field”, New York State Police Collision Reconstruction Unit In-Service Training, October 2024, SONYEA Education Center, Groveland, NY.

Gordon, M.E., “Forensic Engineering: Expand Your Career”, National Society of Professional Engineers Conference (NSPECon 2024), August 2024.

Gordon, M.E., Knapp, S., “The HIT – the Story Behind the Tony Stewart Incident and How the Experts Stayed in Their ‘Lanes’”, National Academy of Forensic Engineers Conference, San Antonio, January 2023.

Gordon, M.E., “FEA Analysis in Forensic Engineering”, National Academy of Forensic Engineers Educational Conference, Providence, July 2021.

Gordon, M.E., "Professional Societies Attitudes Towards PE Licensure of Engineering Technology Graduates: Supporting the Creation of a More Diverse, Equitable and Inclusive Engineering Workforce", Invited Keynote Speaker, American Society of Mechanical Engineers, 2020 Connect the Dots Convening, December 2020.

Gordon, M.E., Knapp, S., Leiloglou, A.G., Ziernicki, R.M., "The Application of Matchmoving for Forensic Video Analysis of a Fatal Sprint Car Accident. Part I", National Academy of Forensic Engineers Conference, Denver, July 2019.

Ziernicki, R.M., Knapp, S., Leiloglou, A.G., Gordon, M.E., "The Application of Matchmoving for Forensic Video Analysis of a Fatal Sprint Car Accident. Part II", National Academy of Forensic Engineers Conference, Denver, July 2019.

Buholtz, E., Foley, J., Gordon, M.E., Kurland, H., Mackey, G., Prato, T., Regan, J., Stander, T., "Laying the Foundation for Evidence", Monroe County Bar Association Center for Education, Rochester, NY, January 25, 2019.

Bates, D., Gordon, M.E., Houle, P., Hyzer, J., Pelz, J., Robins, P., "Developing a Time-Based Expectancy for Driver Perception-Reaction Time at Night", NYSTARS Joint Conference, Lake George, NY, October 19, 2018.

O'Neil, J.A., Gordon, M.E., Gordon, A.T., Rice, B.S., DeAngelis, G., "Is Unaided Active Learning an Effective Teaching Method for Those with Learning Disabilities?", ASEE National Conference, Salt Lake City, UT, June 2018.

Gordon, M.E., "How do Forensic Engineers Investigate Bridge Collapses, Like the One in Miami?, The Conversation, March 25, 2018.

Wang, M., Walders, K., Gordon M. E., Pelz, J. , Farnand, S., "Auto-simulator Preparation for Research into Assessing the Correlation Between Human Driving Behaviors and Fixation Patterns", Presented at Electronic Imaging Conference, January 2018, Burlingame, CA.

Gordon, M.E., "Forensic Engineering: Some Examples", Invited Speaker, Province of Ontario, Ministry of Labour, Mississauga, ON, October 2017.

Herbert, A. M., Baschnagel, J., Gordon, M. E., & McDonald, Z. (2017). Augmented reality HUDs: warning signs and driver situation awareness. *Journal of Vision*, 17(7), 40-40.

Gordon, M.E., "Forensic Engineering: Engineering Applied to the Law", Invited Keynote Speaker, Rochester Engineering Society 2017 Symposium, May 2017.

Gordon, M.E., "Finding and Using a Forensic Engineer in Personal Injury Cases", invited lecture and panel discussion at the University of Buffalo Law School, October, 2016.

Gordon, M.E., Pearson, J. J., "Preliminary Analysis of Roadway Accident Rates for Deaf and Hard-of-Hearing Drivers – Forensic Engineering Application", *Journal of the National Academy of Forensic Engineers*, Vol. 33, No. 1, June 2016.

Gordon, M.E., Pearson, J. J., "Highway Accident Rates for Deaf and Hard of Hearing Drivers – Forensic Engineering Application", NAFE Seminar Tampa, FL, January 2016.

Gordon, M.E., "The Role of the Engineering Expert Witness", invited lecture and panel discussion at the University of Buffalo Law School, October, 2015.

Gordon, M.E., "Forensic Engineering Investigation of a Three Vehicle Accident", NAFE Seminar Washington, DC, July 2014.

Gordon, M.E., "Forensic Engineering Investigation of a Three Vehicle Accident", *Journal of the National Academy of Forensic Engineers*, Vol. XXXI, No. 2, December 2014.

Gordon, M.E., "What is a Forensic Engineer?", invited lecture and panel discussion at the University of Buffalo Law School, October, 2014.

Gordon, M.E., "Forensic Engineering Investigation: Crash of a Tractor Trailer into a Delivery Van", NAFE Seminar Minneapolis, MN, July 2013.

Gordon, M.E., "Forensic Engineering Investigation: Crash of a Tractor Trailer into a Delivery Van", Journal of the National Academy of Forensic Engineers, Vol. XXVIII, No. 1, June 2011.

Hallbach, D., Gordon, M.E., "Baja SAE Competitions: Meeting and Interacting with International Students – Experiences of Student and University Participants", ASEE National Conference, Austin, TX, 2009.

Trauger, B., Gordon, M.E., "Co-op Experiences of Deaf Engineering Technology Students", paper presented at the Spring 2008 CAST Scholarship Colloquium, 2008.

Gordon, M.E., Mallory, J.M., "Deaf and Hard-of-Hearing Engineering Technology Students: A Distinct Diversity Group" presented at 2007 CIEC Conference in Palm Springs, CA, 2007.

Lundgren, C., Leonard, W., Gordon, M.E., "From 'Imagineering' to Engineering: Engaging Students in Their Education", Paper presented at the National Collegiate Inventors and Innovators Alliance Meeting March 14 – 16, 2002.

16. Honors, Awards, Patents

ASEE Fellow, 2025

ASEE Distinguished Member, 2023

NSPE Fellow, 2022

SAE Top Contributor of the Year, Class of 2019

Engineer of the Year – Rochester Engineering Society 2017

NAFE Fellow, 2018

US Patent No. 5429155, "Cryogenic Fluid Coupling"

RIT Coaches Appreciation Award, 2013

RIT Provost's Excellence in Teaching Award, 1997

Nominee – RIT Eisenhart Outstanding Teacher Award (multiple nominations)

Member Beta Gamma Sigma - National Business Honor Society

SAE Outstanding Younger Member Award, 1994

17. Other Duties Performed for Regular Base Salary

RIT Duties

Faculty Advisor, RIT Baja SAE Club, 1995 - present

NCAA Faculty Athletic Representative, 2004 – present

Institute Athletics Compliance Committee, 2012-present

ETLI Organizing Committee, 2024

The SHED Student Groups and Organizations Committee, 2020 - 2023

Chief Organizer, 2022 Baja SAE Rochester World Challenge, 2021 - 2022

Faculty Advisor, Men's Ice Hockey Club, 2007 – 2020

Chief Organizer, 2019 Baja SAE Rochester World Challenge, 2018 - 2019

IMLC Vision Committee, 2018-2019

Faculty Co-Advisor, Running and Multisport Club, 2011 – 2017

Chief Organizer, 2016 Baja SAE Rochester World Challenge, 2015-2016

RIT Global Education Taskforce, 2014-2015

DiscoverRIT Niagara Falls Bicycle Adventure Leader, 2012 - 2013

Chief Organizer, 2013 Baja SAE Rochester World Challenge, 2012-2013

Chief Organizer, 2010 Baja SAE Rochester World Challenge, 2009 -2010

Chief Organizer, 2007 Baja SAE Rochester World Challenge, 2006 -2007

Faculty Advisor, Men's Rugby Club, 1996 - 2007

Assistant Coach, RIT Women's Hockey Team, 2003 - 2006

Chief Organizer, 2005 SAE Mini-Baja East, 2003 – 2005

Learning Development Center Advisory Board, 2002 - 2004

Provost's Excellence in Teaching Award Committee, 2002 - 2003

RIT Campus Environment Committee, 2000 - 2001

Provost's Excellence in Teaching Award Committee, 1998 - 1999

College Duties

CAST Promotion Committee, 2016 - 2018

CAST Tenure Committee, 2008 - 2011
CAST Curriculum Committee, 2002 – 2005
CAST Mid-Tenure Committee, 2002 – 2003
Chairman, CAST Mid-Tenure Committee, 2001-2002
CAST/COB Eisenhart Selection Committee, 1999 – 2000

Department Duties

MMET/PS QTS Mechanics Group Committee, 2009 – 2013
MMET/PS QTS Technical Electives Group Committee, 2009 – 2013
MMET/PS QTS Mechanical Design Group Committee, 2009 – 2013
MMET/PS Chair Search Committee, 2007 - 2008
MMET/PS Website Committee, 2003 - 2005
MMET/PS Software Committee, 2002 – 2004
MET Faculty Search Committee, 2005 -2006
MET Curriculum Committee, 2003 – 2005
Planning Committee, Mechanical Session Coordinator, Spring 2001 NYSETA Conference, 2000-2001
MET Lower Division Design Experience Ad-hoc, 2000 - 2001
MMET/PS New Faculty Search Committee, 1999 – 2000

18. Other Information

Professionally Related

Experienced Cyclist with over 50 years of experience leading, riding, repairing, and racing (triathlon).
Buffalo Triathlon Club, Member and past board member
Functionally Fluent in American Sign Language
Functionally Fluent in Brazilian Portuguese
Low Proficiency in German

Community Related

Rotary International – Naples, NY Club 2018-present
Rotary International Youth Exchange Country Officer for Brazil, District 7120, 2021-present
Rotary International Youth Exchange Youth Protection Officer, District 7120, 2024-present
Rotary Cycling to Serve Fellowship Member
Rotary International Hosting and Travel Fellowship Member
Zoning Board of Appeals – Town of South Bristol, NY, 2019-present
Ironman Lake Placid Finisher 2012
Race Director, Rochester River Chase 2014
Lifeguard – Ironman Lake Placid 2011 & 2013 through 2016
Past Member Rochester Bicycle Club
Past Member Niagara Frontier Bicycle Club
Past Certified Red Cross Lifeguard
USA Triathlon – member (Northeast Region)
Genesee Valley Harriers Running Club – past-member
Rochester Area Triathletes (RATS) – past-member
Adirondack Mountain Club - 46r #5923
Assistant Coach – McQuaid Jesuit JV Ice Hockey Team 2012-2014
Project Lead the Way -- Program Evaluator
Judge, Invention Convention, Clarence Central Schools.
Music Producer for the 2005 through 2009 Gliding Stars Shows
Music Producer for the 2001 through 2004 Skating Association for the Blind and Handicapped Shows
United States Figure Skating Association, Sectional Music Coordinator
Past President and Board Member, Buffalo Skating Club