

Turner-Fairbank Highway Research Center Organizational Primary Roles and Responsibilities

Office of the Associate Administrator							
Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Trentacoste	Michael	michael.trentacoste@fhwa.dot.gov	202-493-3999	<i>Associate Administrator for Research, Development, and Technology (RD&T)/Director of Turner-Fairbank Highway Research Center (TFHRC)</i>	Office of the Associate Administrator	<ul style="list-style-type: none"> National Highway Research and Technology Partnership leadership development and coordination Corporate facilitation and coordination of research, technology, and innovation deployment Advancement of Agency's strategic mission and role of "Innovators for a Better Future" 	Joe Peters
Camano	Esther	esther.camano@fhwa.dot.gov	202-493-3999	<i>Executive Assistant</i>	Office of the Associate Administrator	<ul style="list-style-type: none"> Administrative support Office management 	Liz Simpson
Porter	Jonathan	jonathan.porter@fhwa.dot.gov		<i>Chief Scientist</i>	Office of the Associate Administrator	<ul style="list-style-type: none"> Strategic Planning for Turner-Fairbank Highway Research Center Coordination of research and development at Turner-Fairbank Highway Research Center Exploratory Advanced Research at Turner-Fairbank Highway Research Center 	Cheryl Richter
Moyer	Joe	joe.moyer@fhwa.dot.gov	202-493-3370	<i>Scientific Quality Assurance Manager</i>	Office of the Associate Administrator	<ul style="list-style-type: none"> Lab Assessment Data Quality Peer Review 	

Office of Corporate Research, Technology, and Innovation Management							
Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Elston	Debra	debra.elston@fhwa.dot.gov	202-493-3181	<i>Director</i>	Office of Corporate Research, Technology, and Innovation Management	<ul style="list-style-type: none"> Overall leadership of research and technology program development and innovation management Lead for the Exploratory Advanced Research Program Primary contact for national research partnerships and State research programs 	Jack Jernigan Joe Conway

						<ul style="list-style-type: none"> • Leadership and communication for the research and technology program • Federal Highway Administration research and technology program development and innovation management • Co-Chair Research, Technology and Education Reauthorization Working Group • Liaison with Transportation Research Board Research and Technology Coordinating Committee • Primary contact for coordination of international research and technology programs 	
Horton	Nicole	nicole.horton@fhwa.dot.gov	202-493-3166	<i>Administrative Assistant (Contractor)</i>	Office of Corporate Research, Technology, and Innovation Management	<ul style="list-style-type: none"> • Administrative support to the Director, Office of Research, Technology, and Innovation Management • Office activities scheduling • Office materials proofreading • Correspondence control/routing organization • Time and Attendance • Travel 	Nicole Horton
Vacant	Vacant			<i>Administrative Assistant (Contractor)</i>	Office of Corporate Research, Technology, and Innovation Management	<ul style="list-style-type: none"> • Administrative support to the Team Directors, Research and Technology Program Development and Partnership Team; Communications and Outreach Team; and the Exploratory Advanced Research Team • Backup administrative support to the Director, Office of Research, Technology, and Innovation Management 	
Landolt	Jean	jean.landolt@fhwa.dot.gov	202-493-3146	<i>Research and Technology Program Coordinator</i>	Office of Corporate Research, Technology, and Innovation Management	<ul style="list-style-type: none"> • Advice to office director on office operations • Program coordination and monitoring • Fiscal accountability within office • Contract administration support • Office management initiatives • Program and budget monitoring • Accountable property inventory 	Jack Jernigan

Office of Corporate Research, Technology, and Innovation Management: Exploratory Advanced Research Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Kuehn	David	david.kuehn@fhwa.dot.gov	202-493-3414	<i>Team Director/Program Manager</i>	Office of Corporate Research, Technology, and Innovation Management: Exploratory Advanced Research Team	<ul style="list-style-type: none"> Federal Highway Administration leadership Scientific coordination Partnership development Visionary leadership for Exploratory Advanced Research Program International and national scientific program coordination Leadership and communication for <i>Corporate Master Plan for Research and Deployment of Technology & Innovation</i> 	Terry Halkyard
Halkyard	Terry	terry.halkyard@fhwa.dot.gov	202-493-3467	<i>Advanced Research Program Analyst</i>	Office of Corporate Research, Technology, and Innovation Management: Exploratory Advanced Research Team	<ul style="list-style-type: none"> Exploratory Advanced Research program development and administration Budget delivery Exploratory Advanced Research partnerships Broad agency announcements Contract support management Internships and rotational assignments 	David Kuehn
Simmons	Samyra	samyra.simmons@fhwa.dot.gov	202-493-3469	<i>Advanced Research Program Analyst</i>	Office of Corporate Research, Technology, and Innovation Management: Exploratory Advanced Research Team	<ul style="list-style-type: none"> Exploratory Advanced Research program development and administration Communications and outreach Program planning and delivery Internal research solicitation Program publications, Web development, and marketing 	Terry Halkyard

Office of Corporate Research, Technology, and Innovation Management: Communications and Outreach Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Conway	Joe	joe.conway@fhwa.dot.gov	202-493-3186	<i>Team Director/Program</i>	Office of Corporate	<ul style="list-style-type: none"> Leadership Budget planning 	Jack Jernigan

				<i>Manager</i>	Research, Technology, and Innovation Management: Communications and Outreach Team	<ul style="list-style-type: none"> • Communications and outreach strategy • Innovation management and delivery • Research and technology story 	
Vacant	Vacant			<i>Marketing and Communications Specialist/ Transportation Specialist</i>	Office of Corporate Research, Technology, and Innovation Management: Communications and Outreach Team	<ul style="list-style-type: none"> • Research and technology information management • Research and technology transfer and innovation delivery • Communications and outreach support • Federal Highway Administration Research Library • Office liaison for Office of Infrastructure Research and Development and Office of Safety Research and Development 	TaMara McCrae
Ellis	Zachary	zachary.ellis@fhwa.dot.gov	202-493-3193	<i>Publishing and Marketing Specialist/ Transportation Specialist</i>	Office of Corporate Research, Technology, and Innovation Management: Communications and Outreach Team	<ul style="list-style-type: none"> • Meeting planning contract management • Research and technology multimedia publishing coordination • Focus newsletter managing editor • Information sharing, management, and preservation • Meetings and conference planning management • Printing coordination and oversight • Office liaison for Office of Operations Research and Development • Records management and preservation 	Joe Conway
Magoulas	Paula	paula.magoulas@dot.gov	202-493-3398	<i>Communication Specialist/ Transportation Specialist</i>	Office of Corporate Research, Technology, and Innovation Management: Communications and Outreach Team	<ul style="list-style-type: none"> • Communications and outreach projects coordinator • Communications/publications support service coordinator • Communications/graphic consultation • Public Roads creative director • Communication support services management • Communication and outreach projects coordination • Success story coordination • Office liaison for Office of Safety Research 	Martha Soneira

						and Technology	
McCrae	TaMara	tamara.mccrae@fhwa.dot.gov	202-493-3382	<i>Marketing Specialist and Logistics/Tour Coordinator</i>	Office of Corporate Research, Technology, and Innovation Management: Communications and Outreach Team	<ul style="list-style-type: none"> • National exhibit coordination • Research and technology communications support • Facility tour coordination • Federal Highway Administration exhibit services support • Facility tours • Research and Technology Product Distribution Center • Priority, Market-Ready Technologies and Innovations communication and measurement 	Joe Conway
Soneira	Martha	martha.soneira@fhwa.dot.gov	202-493-3468	<i>Marketing and Communications Analyst/Transportation Specialist</i>	Office of Corporate Research, Technology, and Innovation Management: Communications and Outreach Team	<ul style="list-style-type: none"> • Marketing and communications leadership • Public Roads editor-in-chief • Research and technology Marketing and communication support services management • Research and technology marketing and communications network liaison • Federal Highway Administration Research Library • Telling the research and technology story—the value of research 	Paula Magoulas
Vanlandingham	Dawn	dawn.vanlandingham@dot.gov	202-493-3198	<i>Information Management Specialist/Transportation Specialist</i>	Office of Corporate Research, Technology, and Innovation Management: Communications and Outreach Team	<ul style="list-style-type: none"> • Research and technology multimedia and Web publishing • Research and technology and Turner-Fairbank Highway Research Center Web site management • Communications and Web consultation • Public Roads managing editor • Communications and outreach projects coordination • Office liaison for Office of Safety Research and Technology 	Joe Conway

Office of Corporate Research, Technology, and Innovation Management: Research and Technology Program Development and Partnership Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Jernigan	Jack	jack.jernigan@fhwa.dot.gov	202-493-3363	<i>Team Director/ Program Manager</i>	Office of Corporate Research, Technology, and Innovation Management: Research and Technology Program Development and Partnership Team	<ul style="list-style-type: none"> • Legislation and budget • National research and technology program development and evaluation • Nationally coordinated research and technology program • Research and technology partnership development • Research and technology Leadership Team secretariat 	
Vacant	Vacant			<i>National Partnership Manager/ Program Analyst</i>	Office of Corporate Research, Technology, and Innovation Management: Research and Technology Program Development and Partnership Team	<ul style="list-style-type: none"> • Coordination of national research and technology programs • Research and technology program formulation in cooperation with Federal Highway Administration headquarters and field offices • National Highway research and technology program • Liaison with Research and Innovative Technology Administration for University Transportation Center program 	
Vacant	Vacant			<i>Research and Technology Legislation and Budget Analyst/ Transportation Specialist</i>	Office of Corporate Research, Technology, and Innovation Management: Research and Technology Program Development and Partnership Team	<ul style="list-style-type: none"> • Development of research and technology budget and budget delivery plan • Development and review of reauthorization legislative proposals • Development of research and technology Legislative Implementation Plan • Future Strategic Highway Research Program 2 • Annual research and technology budget and budget delivery plan • Legislative proposals • Liaison with Future Strategic Highway Research Program 2 • Liaison with Transportation Research Board Research and Technology Coordinating Committee • Federal Highway Administration 	Jack Jernigan

						headquarters and field office coordination	
Interrante	Erica	erica.interrante@fhwa.dot.gov	202-493-3204	<i>Professional Development Program Intern</i>	Office of Corporate Research, Technology, and Innovation Management: Research and Technology Program Development and Partnership Team	<ul style="list-style-type: none"> • Legislation and budget • Marketing and communications • Complete developmental assignments 	Jack Jernigan
Munro	John	john.munro@fhwa.dot.gov	202-493-3368	<i>Strategic Planning and Program Evaluation Lead/Program Analyst</i>	Office of Corporate Research, Technology, and Innovation Management: Research and Technology Program Development and Partnership Team	<ul style="list-style-type: none"> • Research and technology strategic planning • Intellectual property system development and coordination • Research and technology performance planning and performance metrics development • Representative to Federal Laboratory Consortium • US Department of Transportation Research, Development and Technology Program Management Working Group • Small Business Innovative Research program management • International Program coordination • Scientific peer review support 	Debra Elston
Williams	Lisa	lisa.williams@fhwa.dot.gov	202-493-3375	<i>Transportation Pooled Fund Program Manager/Program Analyst</i>	Office of Corporate Research, Technology, and Innovation Management: Research and Technology Program Development and Partnership Team	<ul style="list-style-type: none"> • Promotion and administration of the Transportation Pooled Fund Program • Management of Transportation Pooled Fund Program • Federal Highway Administration liaison for transportation pooled fund projects • Transportation Pooled Fund Program Web site updates • Transportation Pooled Fund Program annual report • Briefings and training on Transportation Pooled Fund Program • Communicate standard operating procedures • American Association of State Highway 	Bill Zaccagnino

						and Transportation Officials Technology Implementation Group (TIG) coordination	
Zaccagnino	Bill	william.zaccagnino@fhwa.dot.gov	202-493-3183	<i>Research and Technology State Program Analyst/Transportation Specialist</i>	Office of Corporate Research, Technology, and Innovation Management: Research and Technology Program Development and Partnership Team	<ul style="list-style-type: none"> Office of Research, Development, and Technology State Planning and Research Program manager Federal Highway Administration manager for National Cooperative Highway Research Program Research, development, and technology liaison for Transportation Research Board activities State peer exchange program Federal Highway Administration manager for State peer exchange program American Association of State Highway and Transportation Officials' Standing Committee on Research and Research Advisory Committee Core Program contract with Transportation Research Board National Cooperative Highway Research Program coordination Liaison for National Cooperative Highway Research Program Projects 20-5 and 20-82 State peer exchange monitoring University Transportation Center liaison 	Jack Jernigan Joe Conway

Office of Corporate Research, Technology, and Innovation Management: Support							
Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Boteler	Jennifer	jennifer.boteler@fhwa.dot.gov	202-493-3071	<i>Librarian (Contractor)</i>	Office of Corporate Research, Technology, and Innovation Management: Federal Highway Administration Research Library	<ul style="list-style-type: none"> Federal Highway Administration Research Library manager Reference and interlibrary loans 	Martha Soneira

Brigham	Carlton	report.center@fhwa.dot.gov	301-577-0818	<i>Product Distribution Center Manager (Contractor)</i>	Office of Corporate Research, Technology, and Innovation Management: R&T Publications Support	<ul style="list-style-type: none"> Research and technology Product Distribution Center, Lanham, MD 	Joe Conway
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Office of Information and Management Services: Management Services Division

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Kerr	Brian	brian.kerr@fhwa.dot.gov	202-493-3000	<i>Facilities Manager</i>	Office of Information and Management Services, Management Services Division (HAIM-20)	<ul style="list-style-type: none"> Facilities Manager Facilities operations and maintenance Occupant emergency planning Facility safety and health Environmental reviews and energy conservation programs Facility support contract administration 	Lyle Hayhurst

Office of Infrastructure Research and Development

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Richter	Cheryl	cheryl.richter@fhwa.dot.gov	202-493-3070	<i>Acting Director</i>	Office of Infrastructure Research and Development	<ul style="list-style-type: none"> Program direction and guidance for the Office of Infrastructure research and development Technical and administrative supervision of Infrastructure research and development teams Interaction with headquarters and Federal Highway Administration Resource Center Consolidated research, development, and technology multiyear needs, programs, and budget National Partnership Initiative advancement 	Cheryl Richter

						<ul style="list-style-type: none"> • Corporate management strategies development 	
Richter	Cheryl	cheryl.richter@fhwa.dot.gov	202-493-3070	<i>Research Program Manager</i>	Office of Infrastructure Research and Development	<ul style="list-style-type: none"> • Policy, direction, and management support to Office Director • Program development and delivery direction to Infrastructure research and development teams • Infrastructure research and development management strategies and business practices • Infrastructure research and technology Program development 	
Fitzgerald	Cara	cara.fitzgerald@fhwa.dot.gov	202-493-3376	<i>Program Coordinator</i>	Office of Infrastructure Research and Development	<ul style="list-style-type: none"> • Advice to Office Director on office operations • Program coordination and monitoring • Fiscal accountability within the office • Office management initiatives • Program and budget monitoring • Accountable property inventory updates 	
Abdi	Hiwot	hiwot.abdi@fhwa.dot.gov	202-493-3022	<i>Administrative Program Assistant</i>	Office of Infrastructure Research and Development	<ul style="list-style-type: none"> • Administrative support for the Infrastructure research and development program • Time and attendance personnel documents • Team leader council meeting plans and minutes • Office supplies • Office communication activities 	
Person	Gloria	gloria.person@fhwa.dot.gov	202-493-3022	<i>Administrative Assistant</i>	Office of Infrastructure Research and Development	<ul style="list-style-type: none"> • Administrative support to the Technical Director for pavement research and development, the Advanced Research Coordinator, the Pavement Materials and Construction Team, the Pavement Design and Performance Modeling Team, and the Long-Term Pavement Performance Team, Technical Director for bridge and structures research and development; the Bridge Design and Construction Team; the Bridge Safety, Reliability, and Security Team; and the Infrastructure Inspection 	

						and Management Team	
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Office of Infrastructure Research and Development: Technical Direction, Bridges and Structures Research and Development

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Friedland	Ian M.	ian.friedland@fhwa.dot.gov	202-493-3023	<i>Technical Director</i>	Office of Infrastructure Research and Development: Technical Direction, Bridges and Structures Research and Development	<ul style="list-style-type: none"> Leadership and technical direction for bridge- and structures-related programs and studies Promotion of research, development, and technology products Program and budget documents External partnerships development Technology facilitation for bridges and other highway structures 	

Office of Infrastructure Research and Development: Technical Direction, Pavement Research and Development

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Vacant	Vacant			<i>Technical Director</i>	Office of Infrastructure Research and Development: Technical Direction, Pavement Research and Development	<ul style="list-style-type: none"> Leadership and technical direction for pavement-related programs and studies Promotion of research, development, and technology products Program and budget documents External partnerships development Technology facilitation for pavements 	Katherine Petros

Office of Infrastructure Research and Development: Bridge Design and Construction Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Hartmann	Joseph	joseph.hartmann@fhwa.dot.gov	202-493-3059	<i>Team Leader</i>	Office of Infrastructure Research and Development: Bridge Design and Construction	<ul style="list-style-type: none"> Bridge Design and Construction Team Leader High-performance steel research Bridge of the Future Fatigue and fracture 	Mike Adams Fassil Beshah

					Construction Team	<ul style="list-style-type: none"> • Corrosion resistant steel • Forensic investigations 	
Adams	Mike	mike.adams@fhwa.dot.gov	202-493-3025	<i>Research Civil Engineer</i>	Office of Infrastructure Research and Development: Bridge Design and Construction Team	<ul style="list-style-type: none"> • Geotechnical Laboratory Manager • Retaining wall systems • Construction engineering • Shallow foundations engineering • Engineering geology • Bridge of the Future • Integrated Abutment Bridge System • Geosynthetic reinforced soil structures 	Fassil Beshah
Beshah	Fassil	fassil.beshah@fhwa.dot.gov	202-493-3041	<i>Structures Laboratory Manager</i>	Office of Infrastructure Research and Development: Bridge Design and Construction Team	<ul style="list-style-type: none"> • Structures Laboratory Manager • High-performance materials • Bridge of the Future 	Joseph Hartmann
Graybeal	Benjamin	benjamin.graybeal@fhwa.dot.gov	202-493-3122	<i>Research Structural Engineer</i>	Office of Infrastructure Research and Development: Bridge Design and Construction Team	<ul style="list-style-type: none"> • High-performance concrete • Ultra high-performance concrete • Structural testing • Concrete bridges • Bridge of the Future • High-performance concrete bridges • Concrete specifications • High-performance materials 	Joseph Hartmann
Penrod	John	john.penrod@fhwa.dot.gov	(202) 493-3051	<i>Research Structural Engineer</i>	Office of Infrastructure Research and Development: Bridge Design and Construction Team	<ul style="list-style-type: none"> • Structural steel • Structural testing • High-performance steel bridges • Bridge of the Future 	Joseph Hartmann
Vacant	Vacant			<i>Research Highway Engineer</i>	Office of Infrastructure Research and Development: Bridge Design and Construction	<ul style="list-style-type: none"> • Deep foundations engineering • In situ testing techniques • Load and resistance factor design for geotechnical engineering • Resistance factors for piles and drilled shafts • Application of high performance materials to 	Mike Adams

					Team	<ul style="list-style-type: none"> bridge foundations Health monitoring technologies for foundation construction and performance 	
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Office of Infrastructure Research and Development: Bridge Safety, Reliability, and Security Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Duwadi	Sheila	sheila.duwadi@fhwa.dot.gov	202-493-3106	<i>Team Leader</i>	Office of Infrastructure Research and Development: Bridge Safety, Reliability, and Security Team	<ul style="list-style-type: none"> Bridge Safety, Reliability, and Security Team Leader Timber bridge research Bridge design Bridge and tunnel security Bridge and tunnel security research program Advanced wood/fiber-reinforced polymer composites 	Harold Bosch
Bosch	Harold	harold.bosch@fhwa.dot.gov	202-493-3031	<i>Research Structural Engineer</i>	Office of Infrastructure Research and Development: Bridge Safety, Reliability, and Security Team	<ul style="list-style-type: none"> Aerodynamics Laboratory Manager Structural dynamics Aerodynamic stability Wind loads on structures Wind research Aerodynamic stability of bridges Wind-induced vibration of cables Aerodynamic properties of tapered cylinders Prediction methods for aerodynamic response Computational fluid dynamic flow simulation 	Sheila Rimal Duwadi
Kerenyi	Kornel	kornel.kerenyi@fhwa.dot.gov	202-493-3142	<i>Research Hydraulic Engineer</i>	Office of Infrastructure Research and Development: Bridge Safety, Reliability, and Security Team	<ul style="list-style-type: none"> Hydraulics Laboratory Manager Hydraulics and hydrology of highway structures Bridge scour Pressure flow scour Culvert hydraulics Bottomless culverts Highway drainage Multihazard modeling 	Sheila Rimal Duwadi

Munley	Eric	eric.munley@fhwa.dot.gov	202-493-3046	<i>Research Structural Engineer</i>	Office of Infrastructure Research and Development: Bridge Safety, Reliability, and Security Team	<ul style="list-style-type: none"> • Fiber-reinforced polymer composites • Adhesive-bonded connections • Security assessment and training • Vessel collision • Bridge and tunnel security • Fiber-reinforced polymer specification development • Accelerated test development for fiber-reinforced polymer materials • Bridge and tunnel vulnerability assessments • Countermeasure Assessments • Bridge and tunnel security research 	Sheila Rimal Duwadi
Vacant	Vacant			<i>Research Structural Engineer</i>	Office of Infrastructure Research and Development: Bridge Safety, Reliability, and Security Team	<ul style="list-style-type: none"> • General bridge engineering • Historic structures • Historic covered bridges • Load and resistance factor design for structures 	Sheila Rimal Duwadi
Yen	Phillip	wen-huei.yen@fhwa.dot.gov	202-493-3056	<i>Research Structural Engineer</i>	Office of Infrastructure Research and Development: Bridge Safety, Reliability, and Security Team	<ul style="list-style-type: none"> • Seismic research program • Bridge vibration testing • Bridge seismic instrumentation • Seismic vulnerability • Multihazard analysis of highway structures • Seismic performance testing • International research collaboration in bridge seismic design and retrofitting 	Sheila Rimal Duwadi

Office of Infrastructure Research and Development: Infrastructure Inspection and Management Team							
Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Vacant	Vacant			<i>Team Leader</i>	Office of Infrastructure Research and Development: Infrastructure Inspection and Management	<ul style="list-style-type: none"> • Infrastructure Inspection and Management Team Leader • Stewardship and management of existing bridges • Nondestructive evaluation • Bridge management systems • Corrosion and coating 	Hamid Ghasemi

					Team	<ul style="list-style-type: none"> • Bridge system preservation • Forensic investigations 	
Ghasemi	Hamid	hamid.ghasemi@fhwa.dot.gov	202-493-3042	<i>Research Structural Engineer</i>	Office of Infrastructure Research and Development: Infrastructure Inspection and Management Team	<ul style="list-style-type: none"> • Long-Term Bridge Performance Program manager • Bridge asset management research • Structural health monitoring • United States-Turkey collaboration on bridge design and health monitoring related issues • Health monitoring of signature bridges 	Joey Hartmann
Jalinoos	Frank	frank.jalinoos@fhwa.dot.gov	202-493-3082	<i>Research Structural Engineer</i>	Infrastructure Inspection and Management Team	<ul style="list-style-type: none"> • Nondestructive Evaluation Laboratory Manager • Bridge nondestructive evaluation • Steel Bridge Testing Program • Nondestructive evaluation technologies for bridges • Ground-penetrating radar • Crack detection methods • Condition assessment of prestressed tendons • Automated ultrasonic testing • Federal Highway Administration Steel Bridge Testing Program 	Joey Hartmann
Lee	Seung-Kyoung	seung-kyoung.lee@fhwa.dot.gov	202-493-3077	<i>Research Corrosion Engineer</i>	Office of Infrastructure Research and Development: Infrastructure Inspection and Management Team	<ul style="list-style-type: none"> • Bridge Coatings and Corrosion Laboratory Manager • Corrosion protection of highway structures • Corrosion of reinforced concrete bridge elements • Material integrity testing for bridges • Infrastructure durability 	Paul Virmani
Virmani	Paul	paul.virmani@fhwa.dot.gov	202-493-3052	<i>Research Chemist</i>	Infrastructure Inspection and Management Team	<ul style="list-style-type: none"> • Corrosion protection systems • Bridge deck durability • Corrosion costs and preventive strategies • Nondestructive tools for corrosion detection • Cathodic protection systems • Corrosion resistant reinforcement • Corrosion resistant structural steel 	Seung-Kyoung Lee

						<ul style="list-style-type: none"> Alkali-silica reactivity 	
Vacant	Vacant			<i>Research Chemist</i>	Office of Infrastructure Research and Development: Infrastructure Inspection and Management Team	<ul style="list-style-type: none"> Long-Term Bridge Performance Program Bridge inspection Bridge management 	Hamid Ghasemi

Office of Infrastructure Research and Development: Long-Term Pavement Performance Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
López	Aramis	aramis.lopez@fhwa.dot.gov	202-493-3145	<i>Team Leader</i>	Office of Infrastructure Research and Development: Long-Term Pavement Performance Team	<ul style="list-style-type: none"> Long-Term Pavement Performance Team Leader Long-Term Pavement Performance product coordination Long-Term Pavement Performance daily operations Long-Term Pavement Performance technical support services Long-Term Pavement Performance international coordination Transportation Research Board Long-Term Pavement Performance Committee Transportation Research Board Long-Term Pavement Performance Expert Task Groups 	Jack Springer
Jiang	Jane	jane.jiang@fhwa.dot.gov	202-493-3149	<i>Highway Research Engineer</i>	Office of Infrastructure Research and Development: Long-Term Pavement Performance Team	<ul style="list-style-type: none"> Long-Term Pavement Performance database activities Long-Term Pavement Performance Falling weight deflectometer operations Falling weight deflectometer calibration and pooled fund study LTPP database management Transportation Research Board Transportation Research Board Long-Term Pavement Performance Expert Task Group on operation 	Aramis López

						<ul style="list-style-type: none"> • Design Guide Implementation Team 	
Springer	Jack	jack.springer@fhwa.dot.gov	202-493-3144	Highway Research Engineer	Office of Infrastructure Research and Development: Long-Term Pavement Performance Team	<ul style="list-style-type: none"> • Long-Term Pavement Performance field operations • Long-Term Pavement Performance materials testing • Long-Term Pavement Performance seasonal monitoring data • Long-Term Pavement Performance distress data collection • Long-Term Pavement Performance Automated Weather Stations • Long-Term Pavement Performance Materials Reference Laboratory • American Association of State Highway and Transportation Officials' Subcommittee on Materials - Secretary • Regional contract support • Resilient Modulus and material testing 	Aramis López
Walker	Deborah	deborah.walker@fhwa.dot.gov	202-493-3068	Highway Research Engineer	Office of Infrastructure Research and Development: Long-Term Pavement Performance Team	<ul style="list-style-type: none"> • Long-Term Pavement Performance traffic activities • Long-Term Pavement Performance communications • Specific Pavement Studies Traffic Pooled Fund Study • Long-Term Pavement Performance traffic analysis software • Long-Term Pavement Performance traffic data collection • Long-Term Pavement Performance traffic data forecasting and backcasting • Transportation Research Board Transportation Research Board Expert Task Group on Long-Term Pavement Performance traffic documentation 	Aramis López
Wiser	Larry	larry.wiser@fhwa.dot.gov	202-493-3079	Highway Research Engineer	Office of Infrastructure Research and Development: Long-Term Pavement Performance Team	<ul style="list-style-type: none"> • Long-Term Pavement Performance Program Customer Support Service Center • Long-Term Pavement Performance data analysis • Long-Term Pavement Performance profile measurement 	Aramis López

						<ul style="list-style-type: none"> • Long-Term Pavement Performance data studies and computed parameters • Long-Term Pavement Performance Program Customer Support Service Center operations • Data analysis projects and contracts • Transportation Research Board Expert Task Group on Long-Term Pavement Performance operation and data analysis 	
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Office of Infrastructure Research and Development: Pavement Design and Performance Modeling Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Petros	Katherine	katherine.petros@fhwa.dot.gov	202-493-3154	<i>Team Leader</i>	Office of Infrastructure Research and Development: Pavement Design and Performance Modeling Team	<ul style="list-style-type: none"> • Team Leader • Pavement design and performance modeling • <i>Mechanistic-Empirical Pavement Design Guide</i> • Mechanistic performance prediction models • Performance-related specifications 	Nadarajah Sivianeswaran
Kopac	Peter	peter.kopac@fhwa.dot.gov	202-493-3143	<i>Highway Research Engineer</i>	Office of Infrastructure Research and Development: Pavement Design and Performance Modeling Team	<ul style="list-style-type: none"> • Advanced quality systems • Pavement performance-related specifications • Statistical quality control • Quality assurance specifications • Optimal statistical acceptance procedures • Relating construction to performance • Concrete pavement road map • Fiber-reinforced polymer composites 	Katherine Petros James Sherwood
Sherwood	James	jim.sherwood@fhwa.dot.gov	202-493-3150	<i>Highway Research Engineer</i>	Office of Infrastructure Research and Development: Pavement Design and Performance Modeling Team	<ul style="list-style-type: none"> • Portland cement concrete pavement design and performance • Portland cement concrete pavement maintenance and rehabilitation • <i>Mechanistic-Empirical Pavement Design Guide</i> Implementation Team • Traffic and loading analysis • Concrete performance prediction modeling 	Katherine Petros Peter Kopac

						<ul style="list-style-type: none"> • Ultra-thin whitetopping 	
Sivaneswaran	Nadarajah	nadarajah.sivaneswaran@fhwa.dot.gov	202-493-3147	Highway Research Engineer	Office of Infrastructure Research and Development: Pavement Design and Performance Modeling Team	<ul style="list-style-type: none"> • Pavement performance modeling • Pavement management systems • Remaining service life • Life cycle cost analysis • Mechanistic analysis of pavement structures • Performance prediction modeling • Construction analysis for pavement rehabilitation strategies development • Composite pavements 	Katherine Petros
Weaver	Eric	eric.weaver@fhwa.dot.gov	202-493-3153	Highway Research Engineer	Office of Infrastructure Research and Development: Pavement Design and Performance Modeling Team	<ul style="list-style-type: none"> • Computation resource manager • Asphalt Research Consortium • Pavement analysis techniques • Tire pavement interaction • Geosynthetics in pavements 	Katherine Petros

Office of Infrastructure Research and Development: Pavement Materials and Construction Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Youtcheff	Jack	jack.youtcheff@fhwa.dot.gov	202-493-3090	Team Leader	Office of Infrastructure Research and Development: Pavement Materials and Construction Team	<ul style="list-style-type: none"> • Team Leader of Pavement Materials and Construction Research • Understanding the performance of modified binders in asphalt mixes • Moisture sensitivity of asphalt • Organization for Economic Cooperation and Development (OECD) long-life pavements • Asphalt Research Consortium • Asphalt durability 	Nelson Gibson Richard Meininger
Arnold	Terrence	terry.arnold@fhwa.dot.gov	202-493-3305	Materials Research Chemist	Office of Infrastructure Research and Development: Pavement Materials and Construction Team	<ul style="list-style-type: none"> • Chemistry Laboratory Manager • Asphalt chemistry and technology • Fundamental properties of asphalt, modified asphalt and alternative materials • Understanding the performance of modified binders in asphalt mixes 	Jack Youtcheff

						<ul style="list-style-type: none"> Alkali-silica reactivity 	
Vacant	Vacant			<i>Materials Research Chemist</i>	Office of Infrastructure Research and Development: Pavement Materials and Construction Team	<ul style="list-style-type: none"> SIMAP Laboratory Manager Asphalt rheology and chemistry Fundamental properties of asphalt and modified asphalt National Research Council research associate manager 	Jack Youtcheff
Faridazar	Fred	fred.faridazar@fhwa.dot.gov	202-493-3076	<i>Highway Research Engineer</i>	Office of Infrastructure Research and Development: Pavement Materials and Construction Team	<ul style="list-style-type: none"> Computer guidelines for portland cement concrete pavement performance prediction Long-term behavior of jointed concrete pavement Early-age behavior of continuously reinforced concrete pavement Lithium technologies to mitigate or prevent alkali-silica reactivity Computer-based guidelines for concrete pavements HIPERPAV 	Richard Meininger
Gibson	Nelson	nelson.gibson@fhwa.dot.gov	202-493-3073	<i>Materials Research Engineer</i>	Office of Infrastructure Research and Development: Pavement Materials and Construction Team	<ul style="list-style-type: none"> Asphalt Laboratory Manager (Binder and Mixture) Accelerated Loading Facility research Asphalt technology Superpave modification Warm mix Performance tests Understanding the performance of modified binders in asphalt mixes 	Jack Youtcheff
Meininger	Richard	rick.meininger@fhwa.dot.gov	202-493-3191	<i>Research Highway Engineer</i>	Office of Infrastructure Research and Development: Pavement Materials and Construction Team	<ul style="list-style-type: none"> Portland Cement Concrete Laboratories Manager Portland cement concrete component materials, properties, and specifications Portland cement concrete mixture proportioning Portland cement concrete properties and performance Aggregate Research Concrete mix design and analysis Rapid test for alkali-silica susceptibility 	Jack Youtcheff

						<ul style="list-style-type: none"> Portland cement concrete freeze-thaw performance Portland cement concrete thermal coefficient of expansion-test method and data for Long-Term Pavement Performance database 	
Sixbey	Dennis	dennis.sixbey@fhwa.dot.gov	202-493-3078	<i>Research Materials Engineer</i>	Office of Infrastructure Research and Development: Pavement Materials and Construction Team	<ul style="list-style-type: none"> Laboratory services support Surface characteristics Portland cement concrete pavement materials 	Jack Youtcheff
Heldt	David	david.heldt@fhwa.dot.gov	202-493-3459	<i>Highway Research Engineer</i>	Office of Infrastructure Research and Development: Pavement Materials and Construction Team	<ul style="list-style-type: none"> Concrete materials research 	Richard Meininger

Office of Operations Research and Development

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Peters	Joe	joe.peters@fhwa.dot.gov	202-493-3303	<i>Director</i>	Office of Operations Research and Development	<ul style="list-style-type: none"> Leadership of the Office of Operations Research and Development Transportation management and operations improvement through research, development, and testing Identification of future opportunities Development of Federal Highway Administration operations and management research and development program Advocacy for a nationally coordinated operations research and development program Research and development program/project tracking 	Robert Ferlis
Klein	Janet	janet.klein@	202-493-	<i>Administrative</i>	Office of	<ul style="list-style-type: none"> Administrative support 	

		fhwa.dot.gov	3303	Assistant	Operations Research and Development	<ul style="list-style-type: none"> Office management 	
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Office of Operations Research and Development: Technical Direction

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Ferlis	Robert	robert.ferlis@fhwa.dot.gov	202-493-3268	Technical Director	Office of Operations Research and Development: Technical Direction	<ul style="list-style-type: none"> Coordination of project team activities with Federal Highway Administration's strategic plan and performance plan goals and objectives Technical advice for project teams Customer/partner feedback Research, development, and technology product deployment Exploratory Advanced Research Program Unit planning Intelligent transportation system support Advanced mobility systems Liaison to headquarters and field offices Vehicle-highway automation Vehicle-infrastructure integration 	Raj Ghaman

Office of Operations Research and Development: Enabling Technologies Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
McHale	Gene	gene.mchale@fhwa.dot.gov	202-493-3275	Team Leader	Office of Operations Research and Development: Enabling Technologies Team	<ul style="list-style-type: none"> Technical direction Team management and leadership Infrastructure-related aspects to cooperative vehicle-infrastructure collision avoidance systems Vehicle-infrastructure integration 	Peter Huang
Arnold	James	james.a.arnold@fhwa.dot.gov	202-493-3265	Electronic Engineer	Office of Operations Research and Development: Enabling Technologies Team	<ul style="list-style-type: none"> Global positioning system Dedicated short-range communication Spectrum management Nationwide differential global positioning system and high-accuracy nationwide differential global positioning system Technical support to intelligent 	Rudy Persaud

						transportation systems communications systems	
Gibson	David	david.gibson@fhwa.dot.gov	202-493-3271	<i>Highway Research Engineer</i>	Office of Operations Research and Development: Enabling Technologies Team	<ul style="list-style-type: none"> Advanced and innovative research University research liaison Traffic sensors and detection Small Business Innovative Research liaison Sensors and controllers for cooperative intersection collision avoidance systems University Research Centers of Excellence Stereo-Pedestrian Sensor Project 	Gene McHale
Huang	Peter	peter.huang@fhwa.dot.gov	202-493-3484	<i>Highway Research Engineer</i>	Office of Operations Research and Development: Enabling Technologies Team	<ul style="list-style-type: none"> Vehicle-infrastructure integration enabling research Intersection collision avoidance Technologies for cooperative intersection collision avoidance Systems testing and evaluation Intelligent transportation systems applications for work zones 	David Gibson
Persaud	Rudy	rudy.persaud@fhwa.dot.gov	202-439-3391	<i>Highway Research Specialist</i>	Office of Operations Research and Development: Enabling Technologies Team	<ul style="list-style-type: none"> Rural intelligent transportation systems Global positioning system Environmental sensor stations investments Nationwide differential global positioning system deployment 	James Arnold

Office of Operations Research and Development: Travel Management Team							
Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Ghaman	Raj	raj.ghaman@fhwa.dot.gov	202-493-3270	<i>Team Leader</i>	Office of Operations Research and Development: Travel Management	<ul style="list-style-type: none"> Program management and development Contract management Technical direction Team management and leadership University Transportation Center Strategic Highway Research Program and 	Deborah Curtis

					Team	<ul style="list-style-type: none"> Liaison National Cooperative Highway Research Program liaison Adaptive control hardware and software development including national standards Dynamic control software Adaptive Control Software "Lite" Traffic management center pooled fund Vehicle Infrastructure Integration Advanced traffic control Operations research 	
Curtis	Deborah	deborah.curtis@fhwa.dot.gov	202-493-3267	<i>Highway Research Engineer</i>	Office of Operations Research and Development: Travel Management Team	<ul style="list-style-type: none"> Adaptive control software, ramp metering, adaptive control software evaluation, and operation of work zones Exploratory Advanced Research Program Freight analysis and modeling Performance measures Vehicle-infrastructure integration day 1 applications Modeling and Simulation Workshop Adaptive Control Software LITE Phase II QuickZone and Work Zone Final Rule 	Raj Ghaman
Thompson	Dale	dale.thompson@fhwa.dot.gov	202-493-3420	<i>Transportation Specialist</i>	Office of Operations Research and Development: Travel Management Team	<ul style="list-style-type: none"> Operations partnerships Access management Performance measures and data quality Traffic management center pooled fund Integrated corridor management systems 	Raj Ghaman
Vacant	Vacant			<i>Transportation Engineer</i>	Office of Operations Research and Development: Travel Management Team	<ul style="list-style-type: none"> Development of dynamic traffic assignments systems Capacity and level of service Infrastructure security Weather Dynamic traffic assignments and traffic flow theory Technical support and program management Software testing Adverse weather traffic operations Integration of dynamic traffic assignments 	Raj Ghaman Deborah Curtis

						in integrated corridor management	
VanGorder	Randall	randall.vangorder@fhwa.dot.gov	202-493-3266	<i>Highway Research Engineer</i>	Office of Operations Research and Development: Travel Management Team	<ul style="list-style-type: none"> • Traffic Research Laboratory (TReL) development and management • Incident management • Vehicle-infrastructure integration specialty vehicles • Technology facilitation • Manage Traffic Research Laboratory • Development of TReL integrated environment • TReL strategic plan development • Specialty vehicle field operational test with Minnesota Department of Transportation 	Raj Ghaman
Yang	David	david.yang@fhwa.dot.gov	202-493-3284	<i>Highway Research Engineer</i>	Office of Operations Research and Development: Travel Management Team	<ul style="list-style-type: none"> • Freeway operations • Traffic analysis and simulation tools • Next Generation Simulation Modeling • Traffic modeling of evacuations • Intelligent Transportation Systems Deployment Analysis System • Next Generation Simulation program • Traffic Analysis Toolbox • CORridor SIMulation (CORSIM) Application Guidelines • Ramp Management and Control Handbook • Coordinated Freeway and Arterial Operations Handbook • Empirical Studies of Traffic Flow in Inclement Weather 	Raj Ghaman

Office of Resource Management

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Condes	Jodi	jodi.condes@fhwa.dot.gov	202-493-3173	<i>Director</i>	Office of Resource Management	<ul style="list-style-type: none"> • Expert leadership in management, logistics, and planning for Office of Research, Development, and Technology (Turner-Fairbank) 	Chris Shehade

						<ul style="list-style-type: none"> Highway Research Center) Oversight of all Office of Research, Development, and Technology/Turner-Fairbank Highway Research Center business operations and support Consultant for Office of Research, Development, and Technology senior management for all business operations 	
Dupuy	Carmen	carmen.dupuy@fhwa.dot.gov	202-493-3175	<i>Administrative Assistant (Contractor)</i>	Office of Resource Management	<ul style="list-style-type: none"> Office operations and support Purchase request processing and tracking Data entry activities for accountable property, employee development, and facility security activities Turner-Fairbank Highway Research Center central telephone information Support activities for administrative management programs Records management for Office of Resource Management Timekeeping, travel arrangements, and correspondence tracking for Office of Resource Management 	
Curtis	Georgia	georgia.curtis@fhwa.dot.gov	202-493-3180	<i>Administrative Management Specialist</i>	Office of Resource Management	<ul style="list-style-type: none"> General operating expenses (GOE) funding financial management Office of Research, Development, and Technology purchase card review, reconciliation, and program oversight Office of Research, Development, and Technology employee development program coordination FOIA point of contact for Office of Research, Development, and Technology Travel management policy assistance Travel credit card issuance, oversight, and reporting Managerial Cost Accounting System management back-up 	<p>Chris Shehade</p> <p>Trisha Laughman</p>

Farrell	Kathleen	kathleen.farrell@fhwa.dot.gov	202-493-3339	<i>Procurement Analyst</i>	Office of Acquisition Management	<ul style="list-style-type: none"> • Onsite liaison with Office of Research, Development, and Technology • Advance acquisition planning • Acquisition Workforce Development • Training • Formal certifications (including assisting in the Office of Management and Budget guidance and requirements) • Acquisition policy/guidance development • Quality reviews of procurement request packages 	Chris Shehade
Laughman	Trisha	trisha.laughman@fhwa.dot.gov	202-493-3185	<i>Administrative Management Specialist</i>	Office of Resource Management	<ul style="list-style-type: none"> • Human resource management consultation and guidance • Workforce and succession planning • Competitive sourcing program implementation and updates • Position management reviews and consultation • Student volunteer program coordinator • Office of Research, Development, and Technology teleworking coordinator • UPACS administrator for Office of Research, Development, and Technology purchase card holder for training courses 	Doreen McCarthy
Lee	Angela	angela.lee@fhwa.dot.gov	202-493-3471	<i>Administrative Management Specialist</i>	Office of Resource Management	<ul style="list-style-type: none"> • Turner-Fairbank Highway Research Center Accountable Property Officer • Accountable property inventory and records management • Facility space management assistance • U.S. Department of Transportation vehicle and wireless communication device administration • Facility space utilization studies • Purchase request quality review support 	Masoud Nasabzadeh

Nasabzadeh	Masoud	masoud.nasabzadeh@fhwa.dot.gov	202-493-3047	<i>Research Facility Technical Support Specialist</i>	Office of Resource Management	<ul style="list-style-type: none"> • Technical support to research and development activities at Turner-Fairbank Highway Research Center • Contract administration of information technology support and electronics laboratory contracts • Emergency planning and continuity of operation plan management • Turner-Fairbank Highway Research Center Strategic Capital Investment Plan and facility studies • Turner-Fairbank Highway Research Center physical security management • Information technology consultant for Office of Research, Development, and Technology 	Doreen McCarthy
Nguyen	Quang	quang.nguyen@fhwa.dot.gov	202-493-3298	<i>Accountant/Financial Manager</i>	Office of Resource Management	<ul style="list-style-type: none"> • Office of Research, Development, and Technology budget execution • Managerial Cost Accounting System management • Program funds review, research, and reconciliation • Financial management support for Office of Research, Development, and Technology allotments • Contracting Officer Technical Representative for financial management support contracts • National Science Foundation annual report and civil rights acquisition-related reports 	Chris Shehade
Shehade	Chris	chris.shehade@fhwa.dot.gov	202-493-3179	<i>Senior Financial Manager</i>	Office of Resource Management	<ul style="list-style-type: none"> • Financial consultation to the Research and Technology Leadership Team • Research and technology budget execution and reporting • Financial management and internal controls policy reviews and process management • Financial consultation on Office of Research, Development, and Technology funding issues • Financial management of all 	Quang Nguyen

						research, development, and technology funding and activities <ul style="list-style-type: none"> • Transportation Pooled Fund Program financial management consultant • Financial Management System administrator for Office of Research, Development, and Technology 	
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Office of Safety Research and Development

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Vacant	Vacant			Director	Office of Safety Research and Development	<ul style="list-style-type: none"> • Advocacy for a nationally coordinated safety research and development program • Development of Federal Highway Administration safety research and development program • Advanced research program leadership • Future Strategic Highway Research Program 2 safety coordination • Federal Highway Administration safety research and technology roadmap development • Research, Development, and Technology Leadership Council efforts to improve Turner-Fairbank Highway Research Center • Facilitation of safety research and development product and service deployments • Advanced research planning and implementation process 	Ray Krammes
Simpson	Liz	liz.simpson@fhwa.dot.gov	202-493-3260	Administrative Assistant (Contractor)	Office of Safety Research and Development	<ul style="list-style-type: none"> • Administrative support • Office management 	

Office of Safety Research and Development: Technical Direction

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Krammes	Ray	ray.krammes@fhwa.dot.gov	202-493-3312	<i>Technical Director</i>	Office of Safety Research and Development: Technical Direction	<ul style="list-style-type: none"> Safety research and development Program coordination Direction and delivery of Federal Highway Administration safety research and development program Technical oversight and guidance National Highway Research and Technology Partnership Initiative-Safety SafetyAnalyst project Highway Safety Manual 	Michael Trenta coste
Cobb	Lincoln	lincoln.cobb@fhwa.dot.gov	202-493-3313	<i>Technology Facilitator</i>	Office of Safety Research and Development: Technical Direction	<ul style="list-style-type: none"> Technology transfer and marketing safety products Customer feedback Technology facilitation strategy development Customer satisfaction survey Safety research and development Web site 	Ray Krammes
Martin	Diana	diana.martin@fhwa.dot.gov	202-493-3168	<i>Program Analyst</i>	Office of Safety Research and Development: Technical Direction	<ul style="list-style-type: none"> Procurement planning and management Accounting and budget planning, development, and monitoring Tracking office expenditures Accountable property inventories Information technology equipment and office/lab space needs assessment 	Ray Krammes

Office of Safety Research and Development: Advanced Research Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Lee	Kunik	kunik.lee@fhwa.dot.gov	202-493-3491	<i>Chief Safety Scientist</i>	Office of Safety Research and Development: Advanced Research Team	<ul style="list-style-type: none"> Develop innovative change for an integrated approach to improving highway safety Conduct research into vehicle compatibility with other vehicles, roadside hardware, and other road 	Ray Krammes

						<ul style="list-style-type: none"> features • Exploratory Advanced Research initiatives • Promote further development and application of the Digital Highway Measurement System 	
Davis	Gregory	gregory.davis@fhwa.dot.gov	202-493-3367	<i>Intelligent Transportation Systems Safety Research Program Manager</i>	Office of Safety Research and Development: Advanced Research Team	<ul style="list-style-type: none"> • Advanced research • Vehicle-Infrastructure integration • Intelligent transportation systems safety research • Cooperative intersection collision avoidance systems • Intelligent highway countermeasures 	Kunik Lee

Office of Safety Research and Development: Human Centered Systems Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Granda	Thomas	thomas.granda@fhwa.dot.gov	202-493-3365	<i>Team Leader, Engineering Research Psychologist</i>	Office of Safety Research and Development: Human Centered Systems Team	<ul style="list-style-type: none"> • Human Centered Systems program • Human Centered Systems technical support management • Human Centered Systems safety research program • Human Centered Systems operations research program • Transportation Management Center Pooled-Fund Study • Traffic Control Devices Pooled Fund Study 	Amanda Emo
Vacant	Vacant			<i>Highway Research Engineer</i>	Office of Safety Research and Development: Human Centered Systems Team	<ul style="list-style-type: none"> • Pedestrian and bicycle safety • Geometric design and safety • Pedestrian and Bicycle Safety Research Program 	Thomas Granda
Emo	Amanda	amanda.emo@fhwa.dot.gov	202-493-3395	<i>Engineering Research Psychologist</i>	Office of Safety Research and Development: Human Centered	<ul style="list-style-type: none"> • Human centered systems safety research • Older driver research 	Thomas Granda

					Systems Team	<ul style="list-style-type: none"> • Speed management research • Pedestrian and bicycle safety research • Visibility studies 	
Tremont	Paul	paul.tremont@fhwa.dot.gov	202-493-3338	<i>Engineering Research Psychologist</i>	Office of Safety Research and Development: Human Centered Systems Team	<ul style="list-style-type: none"> • Human Centered Systems Laboratory Manager • Safety and operations research • Highway driving simulator • Human factors research on novel intersection designs 	Thomas Granda
Vacant	Vacant			<i>Research Psychologist</i>	Office of Safety Research and Development: Human Centered Systems Team		

Office of Safety Research and Development: Roadside Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Opiela	Ken	kenneth.opiela@fhwa.dot.gov	202-493-3371	<i>Team Leader</i>	Office of Safety Research and Development: Roadside Team	<ul style="list-style-type: none"> • Roadside Team Leader • Management of George Washington University's National Crash Analysis Center agreement • Monitor changing roadside safety trends and contributing factors • Develop and execute roadside safety research and development plan and disseminate results • Coordinate crash analysis efforts with partner agencies • Manage roadside outreach efforts • Develop and maintain finite element models of vehicles and roadside elements for crash simulation • Support efforts related to updating national crashworthiness standards • Evaluation of roadside hardware 	Joe Bared

						<ul style="list-style-type: none"> effectiveness Analysis and design of physical infrastructure protection Analysis of vehicle rollover crashes and mitigation options 	
Arispe	Eduardo	eduardo.arispe@fhwa.dot.gov	202-493-3291	<i>Research Mechanical Engineer</i>	Office of Safety Research and Development: Roadside Team	<ul style="list-style-type: none"> Federal Outdoor Impact Laboratory Manager Advance the use of dynamic finite element analysis software to design crashworthy roadside safety structures and predict vehicle crash outcomes Coordinate use of finite element analysis by Centers for Excellence Promote application of new materials (i.e., high performance composites) for roadside safety devices Develop software to determine finite element analysis material model coefficients from test data 	Ken Opiela
Vacant	Vacant			<i>Highway Safety Research Engineer</i>	Office of Safety Research and Development: Roadside Team	<ul style="list-style-type: none"> Vehicle and hardware modeling Roadside safety Optimization and Inverse roadside safety analysis Simulation modeling research and development Rollover causation and reduction 	Ken Opiela

Office of Safety Research and Development: Roadway Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
Andersen	Carl	carl.andersen@fhwa.dot.gov	202-493-3366	<i>Team Leader</i>	Office of Safety Research and Development: Roadway Team	<ul style="list-style-type: none"> Roadway Team Leader Arens Photometric and Visibility Laboratory Roadway visibility research Night visibility enhancement Roadway visibility modeling Traffic signal light improvement 	Joe Bared

						<ul style="list-style-type: none"> • Visibility and lighting research 	
Bared	Joe	joe.bared@fhwa.dot.gov	202-493-3314	<i>Highway Research Engineer</i>	Office of Safety Research and Development: Roadway Team	<ul style="list-style-type: none"> • Intersection safety and operations • Safety and geometric design • Implementation of surrogate safety assessment methods in traffic simulation models • Safety and operational evaluation of alternative intersection and interchange designs 	Wei Zhang
Chen	Clayton	clayton.chen@fhwa.dot.gov	202-493-3054	<i>Highway Research Engineer</i>	Office of Safety Research and Development: Roadway Team	<ul style="list-style-type: none"> • Geometric design and safety • Safety analysis tools • Interactive Highway Safety Design Model (IHSDM) 	Joe Bared Carl Andersen
Davis	Gregory	gregory.davis@fhwa.dot.gov	202-493-3367	<i>Intelligent Transportation Systems Safety Research Program Manager</i>	Office of Safety Research and Development: Roadway Team	<ul style="list-style-type: none"> • Vehicle-Infrastructure integration • Intelligent transportation systems safety research • Cooperative intersection collision avoidance systems • Intelligent highway countermeasures 	Carl Andersen
Do	Ann	Ann.do@fhwa.dot.gov	202-493-3319	<i>Highway Research Engineer</i>	Office of Safety Research and Development: Roadway Team	<ul style="list-style-type: none"> • • • Pedestrian and bicycle safety • Geometric design and safety • Pedestrian and Bicycle Safety Research Program 	Carl Andersen
Zhang	Wei	wei.zhang@fhwa.dot.gov	202-493-3317	<i>Highway Research Engineer</i>	Office of Safety Research and Development: Roadway Team	<ul style="list-style-type: none"> • Traffic engineering and safety • Intersection research program • Work zone safety 	Joe Bared

Office of Safety Research and Development: Safety Management Team

Contact Last Name	Contact First Name	E-mail	Phone	Title	Office	Primary Role(s) and Responsibilities	Backup Person
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Tan	Carol	carol.tan@fhwa.dot.gov	202-493-3315	<i>Team Leader</i>	Office of Safety Research and Development: Safety Management Team	<ul style="list-style-type: none"> • Highway safety analysis • Highway safety data • Geographic information system safety applications • Safety management systems • Highway Safety Information System • Development of the Minimum Inventory of Roadway Elements • Motorcycle Crash Causation Study • Wildlife-Vehicles Collision Reduction Safety 	Roya Amjadi
Amjadi	Roya	roya.amjadi@fhwa.dot.gov	202-493-3383	<i>Transportation Specialist</i>	Office of Safety Research and Development: Safety Management Team	<ul style="list-style-type: none"> • Traffic Engineering and Safety • Highway safety analysis • Safety Analyst development support • Low-cost Safety Improvement Evaluation Pooled-Fund Study 	Carol Tan
Vacant	Vacant			<i>Research Mathematical Statistician</i>	Office of Safety Research and Development: Safety Management Team	<ul style="list-style-type: none"> • Highway safety analysis • Safety management • Geographical information systems safety applications • Countermeasure evaluation • Safety Edge Evaluation Pooled-Fund Study 	Carol Tan