

**Expert Advisors for FAA Design Competition for Universities**  
**The following individuals have agreed to serve as expert advisors to participants in the FAA Design Competition for Universities.**  
**You may contact them for expert feedback and guidance as you develop your concepts.**

<b>Expertise</b>	<b>First</b>	<b>Last</b>	<b>Title</b>	<b>Company/Organization</b>	<b>Address</b>	<b>Phone</b>	<b>Email</b>	<b>Professional Organization Affiliation</b>
<b>Assistance with Airport Operator Contacts</b>	Melissa	Sabatine	Vice President	AAAE Regulatory Affairs	601 Madison St, Suite 400 Alexandria, VA 22314	703 578-2502	<a href="mailto:melissa.sabatine@aaae.org">melissa.sabatine@aaae.org</a>	AAAE
<b>Assistance with Airport Operator Contacts</b>	Chris	Oswald	Vice President	ACI-NA Safety and Technical Operations	1775 K Street NW, Suite 500 Washington, DC 20006	202 293-8500	<a href="mailto:coswald@aci-na.org">coswald@aci-na.org</a>	ACI-NA
<b>Assistance with Air Traffic Control (ATC) Operations</b>	Charles	Baker	Retired - Supervisory Air Traffic Control Specialist - Manager, EnRoute Requirements	Federal Aviation Administration			<a href="mailto:charlesbaker282@gmail.com">charlesbaker282@gmail.com</a>	FAA
<b>Airport Operations and Maintenance</b>								
Management systems to include airport pavement management. (evaluating pavement conditions, prediction of future pavement conditions, development of pavement maintenance and rehabilitation plans)	Maggie	Covalt	Vice President	Applied Pavement Technology	115 W. Main Street, Suite 400, Urbana, IL 61801	217 766-2457	<a href="mailto:mcovalt@appliedpavement.com">mcovalt@appliedpavement.com</a>	ACC and NASAO
Airport design standards, consultant contracts, airport maintenance and airport safety inspections	Frank	Farmer	Aeronautics Manager	Alabama Department of Transportation Aeronautics Bureau	1409 Coliseum Blvd Montgomery AL	334 242-6820	<a href="mailto:farmerf@dot.state.al.us">farmerf@dot.state.al.us</a>	NASAO
Airport pavement materials	David	Lange	Professor	University of Illinois Department of Civil and Environmental Engineering	205 N Mathews Ave. Urbana, IL 61801	217 333-4816	<a href="mailto:dlange@illinois.edu">dlange@illinois.edu</a>	ACC
Airfield lighting, navigational/visual aids, airport operation, safety and maintenance	Thomas	Mai	Electrical Engineer	FAA Airport Engineering Division, AAS-100	800 Independence Ave, SW Room 621 Washington, DC 20591	202 267-8754	<a href="mailto:thomas_mai@faa.gov">thomas_mai@faa.gov</a>	FAA
Management systems to include airport pavement management. (evaluating pavement conditions, prediction of future pavement conditions, development of pavement maintenance and rehabilitation plans) <i>General aviation</i> design and operations; <i>Airport</i> design standards, maintenance, safety inspections, pavement materials; <i>Airfield</i> grading, drainage, pavements, lighting systems, safety, design, pavement design, lighting, construction materials, navigational aids; <i>Pavement</i> engineering, materials, design, maintenance, preventive maintenance	Gary	Mitchell	Vice-President	Airport and Pavement Technology American Concrete Pavement Association	9945 Nicole Lane Charlotte, NC 28269	704-766-0851	<a href="mailto:gmitchell@acpa.org">gmitchell@acpa.org</a>	AAAE
Airport operations and management, airport access and airport system planning	Richmond	Nettey	Associate Dean and Professor	Kent State University College of Aeronautics and Engineering	202J Aeronautics and Technology Building Kent State University, P. O. Box 5190, Kent, Ohio 44242 U.S.A.	330.672.9476	<a href="mailto:inettey@kent.edu">inettey@kent.edu</a>	UAA
Pavement engineering, pavement materials, pavement design, pavement maintenance, preventive maintenance	David	Peshkin	Chief Engineer	Applied Pavement Technology	115 W. Main Street, Suite 400 Urbana, IL 61801	217 398-3977	<a href="mailto:dpeshkin@appliedpavement.com">dpeshkin@appliedpavement.com</a>	ACC
Airport operations involving airport certification and emergency planning	Stewart	Schreckengast, PhD, CM, FRAeS	Lecturer	Purdue University	School of Aviation and Transportation Technology		<a href="mailto:swschrec@purdue.edu">swschrec@purdue.edu</a> <a href="mailto:stewart_schreckengast@yahoo.com">stewart_schreckengast@yahoo.com</a>	UAA
Development of engine and airframe technologies, and physics-based design tools and processes that will enable dramatic improvements in noise, emissions, and performance characteristics of future subsonic aircraft operating in the air transportation system.	Faye	Collier	Associate Director for Flight Strategy, Integrated Aviation Systems Program	National Aeronautics and Space Administration	NASA Langley	757 864-9243	<a href="mailto:fayette.s.collier@nasa.gov">fayette.s.collier@nasa.gov</a>	NASA
Navigational Systems i.e. Instrument Landing Systems (ILS), Very High Omnidirectional Ranges (VORs), Runway Visual Range (RVRs), Ground Based Augmentation System, etc.	Karen	Hammond	Chief Analytics Officer	KHD Performance Analysis Solutions LLC	6 Pennydog Court Silver Spring MD 20902	301 649-2723	<a href="mailto:khammond@khdperformance.com">khammond@khdperformance.com</a>	AMAC, Technical Women's Organization (TWO)

NEW

Exstare provides high level support services to assist with policy development and implementation of small business programs, including the Airport Concession Disadvantaged Business Enterprise (ACDBE) Program, Disadvantaged Business Enterprise (DBE) Program and local/small business programs. Our other core services include project management and advisory services for disparity studies; strategic planning; public relations; diversity program assessments; regulatory and contract compliance audits; and research studies.	Nancy	West	Managing Member	Exstare Federal Services Group, LLC®	6915 Stoneybrooke Lane Alexandria, VA 22306	703-765-4050	<a href="mailto:nancy@exstarefederalservices.com">nancy@exstarefederalservices.com</a>	AMAC and ACI-NA	NEW
Systems, Organization, Concession	Cynthia	Rumph	CEO	Fashion Spa House, INC	6077 Harford Rd Baltimore, MD 21214	443-801-8870	<a href="mailto:admin@fashionspahouse.com">admin@fashionspahouse.com</a>	AMAC, Goldman Sachs	NEW
Construction Management (Aviation, K-12, and Government)	Enrico	Washington	Vice President of Operations	Construction Works, Inc.	2524 Lithonia Industrial Blvd Suite D, Lithonia, GA 30058	678-526-8189	<a href="mailto:rico@cwiatl.com">rico@cwiatl.com</a>	AMAC, Associated Builders and Contractors of Georgia	NEW
Operations, Finance, Air Service Development	Felipe	Rodriguez	Adjunct Lecturer	University of Maryland - Eastern Shore	Aviation Sciences Department 11868 College Backbone Rd, Princess Anne, MD 21853	267-467-6611	<a href="mailto:farodriguez@umes.edu">farodriguez@umes.edu</a>	American Association of Airport Executives (AAAE), University Aviation Association (UAA), American Society for Public Administration (ASPA)	NEW
Management of Construction Projects at Airport	Ionnie	McNeill	Contract Compliance Officer	MCO Construction & Services, Inc.			<a href="mailto:ionniemcneill@yahoo.com">ionniemcneill@yahoo.com</a>	AMAC	NEW
<b>Runway Safety/Runway Incursions/Runway Excursions</b>									
General aviation design and operations	Steve	Debban, PE	National Resource Expert for Airport Design	Federal Aviation Administration	800 Independence Ave. S.W. - Room 621	202-267-8664	<a href="mailto:steven.debban@faa.gov">steven.debban@faa.gov</a>	FAA	
Airport and runway safety, operations and security	Barry	Bratton	Associate	ADK Consulting & Executive Search	21525 Belvedere Ln, Estero, FL 33928	239-462-9184	<a href="mailto:p3etacco@gmail.com">p3etacco@gmail.com</a>	AAAE	
Air safety, runway safety/incursion and automation	Corkey	Romeo	Director of Aviation	Community College of Beaver County Pennsylvania	1 Campus Dr Monaca, PA 15061	724 847-7000 x212	<a href="mailto:carmen.romeo@ccbc.edu">carmen.romeo@ccbc.edu</a> <a href="mailto:Corkeyr@email.com">Corkeyr@email.com</a>	UAA	
Human factors, runway safety	Jose'	Ruiz	Professor Aviation Department of Aviation Management & Flight	Southern Illinois University	Transportation Education Center 545 North Airport Rd Murphysboro, IL 62966	618-453-8885	<a href="mailto:jruiz@siu.edu">jruiz@siu.edu</a>	UAA	
Runway incursions and safety management system	Stewart	Schreckengast, PhD, CM, FRAeS	Lecturer	Purdue University	School of Aviation and Transportation Technology		<a href="mailto:swschrec@purdue.edu">swschrec@purdue.edu</a> <a href="mailto:stewart_schreckengast@yahoo.com">stewart_schreckengast@yahoo.com</a>	UAA	
Navigational Systems i.e. Instrument Landing Systems (ILS), Very High Omnidirectional Ranges (VORs), Runway Visual Range (RVRs), Ground Based Augmentation System, etc.	Karen	Hammond	Chief Analytics Officer	KHD Performance Analysis Solutions LLC	6 Pennydog Court Silver Spring MD 20902	301 649-2723	<a href="mailto:khammond@khdperformance.com">khammond@khdperformance.com</a>	AMAC, Technical Women's Organization (TWO)	NEW
<b>Airport Environmental Interactions</b>									
Environmental issues and Compliance	Chris	Babb	Managing Consultant	Landrum-Brown	11279 Cornell Park Drive Cincinnati, OH 45242	513-560-1242	<a href="mailto:cbabb@landrum-brown.com">cbabb@landrum-brown.com</a>	ACC	
Environmental Planning	Laura	Sakach	Project Engineer	Crawford, Murphy & Tilly, Inc.	505 West Hickpochee, Suite 400 LaBelle, FL 33935	217 572-1046	<a href="mailto:lsakach@cmtengr.com">lsakach@cmtengr.com</a>	ACC	
Noise Mitigation to include planning of programs, community outreach, assessment of existing conditions and materials in noise-impacted structures, design of acoustical treatments, preparation of specifications and details to implement the treatments, cost estimating, construction management, and preparation of program evaluation reports	Michael	Payne	Managing Principal	The Jones Payne Group, Inc.	123 N. Washington St, 3rd Floor, Boston, MA 02114	617-790-3747	<a href="mailto:mpayne@jonespayne.com">mpayne@jonespayne.com</a>	AAAE	
Development of engine and airframe technologies, and physics-based design tools and processes that will enable dramatic improvements in noise, emissions, and performance characteristics of future subsonic aircraft operating in the air transportation system.	Faye	Collier	Associate Director for Flight Strategy, Integrated Aviation Systems Program	National Aeronautics and Space Administration	NASA Langley	757 864-9243	<a href="mailto:fayette.s.collier@nasa.gov">fayette.s.collier@nasa.gov</a>	NASA	

Aircraft Noise Certification policy, standards and regulations (14 CFR Part 36) development, Project management of noise mitigation research in flight procedures and technologies, R&D experience in rotorcraft and supersonic aircraft	Sandy	Liu	Aeroacoustic Engineer	FAA - Office of Environment & Energy (Noise Division: AEE-100)	800 Independence Ave, SW Room 900 Washington, DC 20591	202-267-4748	<a href="mailto:sandy.liu@faa.gov">sandy.liu@faa.gov</a>	FAA (member of AIAA, AHS, SAE, RAeS)	
Aviation Environmental Impacts, Aircraft Operations, General Aircraft Technology Development, Modeling and Simulation, Systems	Christopher	Dorbian	Engineering, Project Management	FAA	800 Independence Ave SW, Washington, DC 20591	202-267-8156	<a href="mailto:christopher.dorbian@faa.gov">christopher.dorbian@faa.gov</a>	FAA	
<b>Airport Management and Planning</b>									
Airport development, noise, business and financial planning, land use compatibility and airport system planning	David	Bvers	President	Quadrex Aviation, LLC	Airport Development Services P.O. Box 34155 Melbourne, FL 32903-1155	321-574-5633	<a href="mailto:dabvers@quadrex.aero">dabvers@quadrex.aero</a>		
Multi-Airport Systems; Airport Landside; Airport Access; Design of Terminals	Richard	deNeufville	Professor of Engineering Systems	MIT Institute for Data, Systems, and Society	Room E17-369, MIT	617-697-6565	<a href="mailto:ardent@MIT.EDU">ardent@MIT.EDU</a>		
Airfield operations, planning, design, construction, environmental management, police, fire, facility maintenance, and vehicle maintenance	John	Graud	Sr. Project Manager	Barge Design Solutions, Inc.	8362 Grand Oak Dr., Germantown, TN 38138	(901) 568-9169	<a href="mailto:johngraud@gmail.com">johngraud@gmail.com</a>	AAAE	
Airport operations and management, airport access and airport system planning	Richmond	Nettey	Associate Dean and Professor	Kent State University College of Aeronautics and Engineering	202J Aeronautics and Technology Building Kent State University, P. O. Box 5190, Kent, Ohio 44242 U.S.A.	330.672.9476	<a href="mailto:inettey@kent.edu">inettey@kent.edu</a>	UAA	
Noise Mitigation to include planning of programs, community outreach, assessment of existing conditions and materials in noise-impacted structures, design of acoustical treatments, preparation of specifications and details to implement the treatments, cost estimating, construction management, and preparation of program evaluation reports	Michael	Payne	Managing Principal	The Jones Payne Group, Inc.	123 N. Washington St, 3rd Floor, Boston, MA 02114	617-790-3747	<a href="mailto:mpayne@jonespayne.com">mpayne@jonespayne.com</a>	AAAE	
Exstare provides high level support services to assist with policy development and implementation of small business programs, including the Airport Concession Disadvantaged Business Enterprise (ACDBE) Program, Disadvantaged Business Enterprise (DBE) Program and local/small business programs. Our other core services include project management and advisory services for disparity studies; strategic planning; public relations; diversity program assessments; regulatory and contract compliance audits; and research studies.	Nancy	West	Managing Member	Exstare Federal Services Group, LLC®	6915 Stoneybrooke Lane Alexandria, VA 22306	703-765-4050	<a href="mailto:nancy@exstarefederalservices.com">nancy@exstarefederalservices.com</a>	AMAC and ACI-NA	NEW
Systems, Organization, Concession	Cynthia	Rumph	CEO	Fashion Spa House, INC	6077 Harford Rd Baltimore, MD 21214	443-801-8870	<a href="mailto:admin@fashionspahouse.com">admin@fashionspahouse.com</a>	AMAC, Goldman Sachs	NEW
Operations, Finance, Air Service Development	Felipe	Rodriguez	Adjunct Lecturer	University of Maryland - Eastern Shore	Aviation Sciences Department 11868 College Backbone Rd, Princess Anne, MD 21853	267-467-6611	<a href="mailto:farodriguez@umes.edu">farodriguez@umes.edu</a>	American Association of Airport Executives (AAAE), University Aviation Association (UAA), American Society for Public Administration (ASPA)	NEW
<b>Safety Management</b>									
Safety management system development and safety program management	Jose'	Ruiz	Professor Aviation Department of Aviation Management & Flight	Southern Illinois University	Transportation Education Center 545 North Airport Rd Murphysboro, IL 62966	618-453-8885	<a href="mailto:iruiz@siu.edu">iruiz@siu.edu</a>	UAA	
Safety management, Safety Management Systems (SMS), Risk Management, ADA compliance, Emergency Management	Roger	Studenski	Manager, Risk and Safety	Jacksonville Aviation Authority	14201 Pecan Park Road, Jacksonville, FL 32218	904-741-3163	<a href="mailto:Roger.Studenski@flvjax.com">Roger.Studenski@flvjax.com</a>	ACI-NA	
<b>Aircraft Automation/Autonomous Flight</b>									
Aircraft Automation/Autonomous Flight	Corkey	Romeo	Director of Aviation	Community College of Beaver County Pennsylvania	1 Campus Dr Monaca, PA 15061	724-847-7000 x212	<a href="mailto:carmen.romeo@ccbc.edu">carmen.romeo@ccbc.edu</a> <a href="mailto:Corkeyr@email.com">Corkeyr@email.com</a>	UAA	