

## FY23 Affiliate Faculty

ICTAS provided fiscal support to more than 250 Virginia Tech researchers in FY23. This funding took a variety of forms: Seed investments, center support, cost sharing, managing Destination Area funding, graduate student support through the ICTAS Doctoral Scholars Program, and other mechanisms. These faculty, along with their department and college affiliation and mechanism of ICTAS support, are listed below.

<i>ICTAS Affiliate Faculty FY23</i>			
<b>Name</b>	<b>Discipline</b>	<b>College</b>	<b>Affiliation</b>
Acar, Pinar	Mechanical Engineering	Engineering	Seed-JFA
Adams, Colin	Aerospace & Ocean Engineering	Engineering	Center-Emerging Technologies; Doc. Sch.; SPACE
Agee, Philip	Myers-Lawson School of Construction	Engineering	Center-HCI
Akanmu, Abiola	Myers-Lawson School of Construction	Engineering	EFO Award; Center-HCI
Albert, Devon	Biomedical Engineering & Mechanics	Engineering	Not specified
Allen, Irving Coy	Biomedical Sciences & Pathology	Veterinary Medicine	Doc. Sch.; Center-Engineered Health; MII
Aning, Alex	Materials Science & Engineering	Engineering	Diversity
Arena, Sara	Biomedical Engineering & Mechanics	Engineering	EFO Award
Artiles, Mayra	Engineering Education	Engineering	Diversity
Ashkar, Rana	Physics	Science	Center-Engineered Health; MII
Auguste, Jonathan	Entomology	Agriculture & Life Sciences	Doc. Sch.
Aylward, Frank	Biological Sciences	Science	Doc. Sch.
Badgley, Brian	School of Plant & Environmental Sciences	Agriculture & Life Sciences	Doc. Sch.
Bai, Xianming	Materials Science & Engineering	Engineering	Seed-JFA; Doc. Sch.
Bailey, Scott	Electrical & Computer Engineering	Engineering	Center-Emerging Technologies; SPACE
Baird, Donald	Chemical Engineering	Engineering	Center - MII
Banks-Hunt, Joanie	Honors	Honors	Not specified
Bansal, Manish	Industrial & Systems Engineering	Engineering	Seed-JFA
Barkhi, Reza	Accounting & Information Sciences	Pamplin Business	Center-HCI
Barone, Justin	Biological Systems Engineering	Engineering	Center-Emerging Technologies
Bartlett, Michael	Mechanical Engineering	Engineering	Seed-JFA; MII

Bartos, Colleen	ICTAS	OVPRI	Center - Hume
Beckett, T.J.	OESRC	OVPRI	Not specified
Behkam, Bahareh	Mechanical Engineering	Engineering	Center-Emerging Technologies; MII
Bertke, Andrea	Population Health Science	Veterinary Medicine	Doc. Sch.
Black, Jonathan T.	Aerospace & Ocean Engineering	Engineering	Doc. Sch.; SPACE
Boreyko, Jonathan	Mechanical Engineering	Engineering	Doc. Sch.; Center-Emerging Technologies
Borgarelli, Michele	Small Animal Clinical Sciences	Veterinary Medicine	Doc. Sch.
Bortner, Michael	Chemical Engineering	Engineering	Center-MII
Bowman, Doug A.	Computer Science	Engineering	Center-HCI; EFO Award
Brand, Alexander	Civil & Environmental Engineering	Engineering	EFO Award
Bukvic, Ivica	School of Performing Arts	Liberal Arts & Human Sciences	Center-HCI/Emerging Technologies
Burrell, Bryce	School of Visual Arts	Architecture & Urban Studies	Diversity
Butler, William	Engineering Education	Engineering	Not specified
Caddick, Mark	Geosciences	Science	Center-NCFL; Doc. Sch.
Cai, Wenjun	Engineering Science and Mechanics	Engineering	EFO Award
Cai, Randy	Materials Science and Engineering	Engineering	Not specified
Carey, Cayelan	Biological Sciences	Science	Doc. Sch.
Case, Scott	Materials Science and Engineering	Engineering	Center-MII
Castello, Leandro	Fish & Wildlife Conservation	Natural Resources & Environment	Seed-JFA
Cate, Anthony	Psychology	Science	Center-HCI
Cervantes, Marcos	Animal and Poultry Science	Agriculture & Life Sciences	Not specified
Chandler-Smith, Gena	English	Liberal Arts & Human Sciences	Diversity
Cheng, Jiangtao	Mechanical Engineering	Engineering	EFO Award; Diversity; MII
Cho, Jin-Hee	Computer Science	Engineering	EFO Award
Cimini, Daniella	Biological Sciences	Science	Center-Engineered Health
Clark, David	Materials Science & Engineering	Engineering	Not specified
Clark, Deanna	ICTAS	OVPRI	Diversity; Center - Hume
Clark, William	ICTAS	OVPRI	Center - Hume
Cox, May	OESRC	OVPRI	Not specified
Czamanske, Tom	OESRC	OVPRI	Not specified

Davalos, Rafael	SBES/Biomedical Engineering and Mechanics	Engineering	Center-Engineered Health; Doc. Sch.; ETF
Davis, Rick	Chemical Engineering	Engineering	Center-Engineered Health; MII
Davis, Bradley	ICTAS	OVPRI	Center - Hume
De Vita, Raffaella	Biomedical Engineering and Mechanics	Engineering	Center-Engineered Health; Center-MII
DeCourcy, Kristi	Biological Sciences	Science	Not specified
Dee, Meaghan	School of Visual Arts	Architecture & Urban Studies	Center-HCI
Deng, Weiwei	Mechanical Engineering	Engineering	Not specified
Dervisis, Nikolaos	Small Animal Clinical Science	Veterinary Medicine	Center-Engineered Health
Deshmukh, Sanket	Chemical Engineering	Engineering	Seed-JFA; MII
Dietrich, Andrea	Civil and Environmental Engineering	Engineering	Center-GEMI
Dietrich, Carl	Electrical and Computer Engineering	Engineering	Center - Hume
Dillard, David	Biomedical Engineering & Mechanics	Engineering	Center-MII
Dimarino, Christine	Electrical & Computer Engineering	Engineering	Seed-JFA
Dingus, Tom	Biomedical Engineering and Mechanics	Engineering	Salary; Center-Emerging Technologies
Dove, Patricia	Geosciences	Science	Seed-JFA
Doyle, Daniel	ICTAS	OVPRI	Center-HUME
Drum, Meredith	Visual Arts	Architecture, Arts and Design	Center-HCI
Druschitz, Alan	Materials Science and Engineering	Engineering	Not specified
Duarte, Juliana	Mechanical Engineering	Engineering	Not specified
Ducker, Williem	Chemical Engineering	Engineering	Center-MII
Duer, Zach	Visual Arts	Architecture, Arts and Design	Center-HCI
Duggal, Nisha	Molecular & Cellular Biology	Science	Seed-JFA
Duma, Stefan	Biomedical Engineering	Engineering	Salary; Center-Emerging Technologies
Eastwood, Gillian	Entomology	Agriculture & Life Sciences	Doc. Sch.
Edgar, Kevin	Sustainable Biomaterials	Natural Resources & Environment	Center-Engineered Health; Doc. Sch.; MII
Edwards, Marc	Civil & Environmental Engineering	Engineering	Doc. Sch.
Ellis, Michael	Mechanical Engineering	Engineering	Center-MII/GEMI
Emori, Satoru	Physics	Science	Seed-JFA

Evanylo, Greg	School of Plant & Environmental Sciences	Agriculture & Life Sciences	Doc. Sch.
Erb, Tara	ICTAS	OVPRI	Center-Hume
Erdogan, Kiran	Chemical Engineering	Engineering	Center-HCI
Evia, Carlos	English	Liberal Arts & Human Sciences	Center-HCI
Faw, Gary	OESRC	OVPRI	Not specified
Feng, Lin	Chemistry	Science	Center-MII
Feng, Wu-Chun	Computer Science	Science	Center-Emerging Technologies
Ferreira, Gonzalo	Dairy Science	Agriculture & Life Science	Diversity
Fernandez-Fraguas, Cristina	Food Science and Technology	Agriculture & Life Sciences	Not specified
Ferreira, Marco	Statistics	Science	Doc. Sch.
Finkelstein, Carla	School of Medicine/Biological Sciences	Science	Doc. Sch.
Finley, Patrick	Visual Arts	Architecture, Arts and Design	Center-HCI
Fletcher, Michael	ICTAS	OVPRI	Center-Hume
Foroutan, Hosein	Civil and Environmental Engineering	Engineering	Center-VTSun
Foster, Johan E.	Materials & Science Engineering	Engineering	Center-VTSuN
Fowler, Michael	ICTAS	OVPRI	Center-Hume
Fox, Edward A.	Computer Science	Engineering	Center-HCI
Fox, Michael	FBRI	VTCRI	Not specified
Frazier, Charles (Chip)	Sustainable Biomaterials	Natural Resource & Environment	Center - MII
Gabbard, Joseph	Industrial & Systems Engineering	Engineering	Center-HCI
Gaeddert, Joseph	ICTAS	OVPRI	Center-Hume
Gao, Xinghua	Myers-Lawson School of Construction	Engineering	Center-HCI
Gazel, Esteban	Geosciences	Science	Not specified
Gilbert, John	ICTAS	OVPRI	Center-Hume
Gillaspy, Glenda	Biochemistry	Agriculture & Life Sciences	TOP Award; Diversity
Gitre, Edward J.K.	History	Liberal Arts and Human Sciences	Center-HCI
Gland, Amanda	OESRC	OVPRI	Not specified
Goldstein, Aaron	Chemical Engineering	Engineering	Doc. Sch.
Gracanin, Dennis	Computer Science	Engineering	Center-HCI
Gray, David	Engineering Education	Engineering	Not specified
Grohs, Jacob	Engineering Education	Engineering	Not specified

Grove, Tijana	Chemistry	Science	Not specified
Guido, Lou	Materials Science and Engineering	Engineering	Not specified
Guimont, Corinne	University Libraries	University Libraries	Center-HCI
Ha, Dong	Electrical & Computer Engineering	Engineering	EFO Award; Center-GEMI
Haghighat, Alireza	Mechanical Engineering	Engineering	Center-GEMI
Hall, Machelle	Commonwealth Cyber Initiative	Science	Not specified
Hamed, Kevin	Fish & Wildlife Conservation	Natural Resources & Environment	Diversity
Harding, Leon	ICTAS	OVPRI	Center-Hume
Hardy, Warren	Mechanical Engineering	Engineering	Not specified
Harrison, Steve	Computer Science	Engineering	Center-HCI
He, Zhen	Civil and Environmental Engineering	Engineering	Center-GEMI
Headley, William (Chris)	ICTAS	OVPRI	Center-Hume
Heflin, Randy	Physics	Science	Center - MII
Helm, Richard	Biochemistry	Agriculture and Life Science	Not specified
Hernandez, Ivan	Psychology	Science	Diversity
Hession, William	Biological Systems Engineering	Engineering	Not specified
Hicks, David	School of Education	Liberal Arts and Human Sciences	Center-HCI
Higdon, David	Statistics	Science	Not specified
Hill, Ehren	ICTAS	OVPRI	Center-Hume
Hochella, Michael	Geosciences	Science	Center-VTSun; NCEENI
Holliday, Jason	Forest Resources & Environmental Conservation	Natural Resources & Environment	Doc. Sch.
Hong, Yili	Statistics	Science	Seed-JFA
Horne, Carson	ICTAS	OVPRI	Center-Hume
Horning, Michael	Communications	Liberal Arts & Human Sciences	Center-HCI
Hou, Yiwei Thomas	Electrical & Computer Engineering	Engineering	TOP Award
Hsu, Bryan	Biological Sciences	Science	Seed-JFA
Huang, Bert	Computer Science	Engineering	Center-DAC
Huang, Haibo	Food Science & Technology	Agriculture & Life Sciences	Diversity; Center-GEMI
Huber, Patrick	Physics	Science	Center-GEMI
Hudait, Mantu	Electrical & Computer Engineering	Engineering	Seed-JFA

Hull, Matthew S.	ICTAS	OVPR	Salary; Center-VTSuN/Engineered Health; MII; NCEENI
Ignosh, John	Biological Systems Engineering	Engineering	Diversity
Ivory, James	Communication	Liberal Arts & Human Sciences	Center-HCI
Jacques, Eric	Civil & Environmental Engineering	Engineering	EFO Award
Jazizadeh Karimi, Farrokh	Civil & Environmental Engineering	Engineering	Seed-JFA; Center-HCI
Joiner, Jeff	Visual Communication Design	School of Visual Arts	Center-HCI
Jutras, Brandon	Biochemistry	Science	Not specified
Kapania, Rakesh	Aerospace & Ocean Engineering	Engineering	Seed-JFA; Diversity; Center-Emerging Technologies
Kavanaugh, Andrea	Industrial & Systems Engineering	Engineering	Center-HCI
Kennedy, Brook	School of Architecture	Architecture & Urban Studies	Center-HCI
Kindsvater, Holly	Fish & Wildlife Conservation	Natural Resources & Environment	Seed-JFA
Kiran, Erdogan	Chemical Engineering	Engineering	Center-HCI; MII
Kleiner, Brian	Industrial & Systems Engineering	Engineering	Center-HCI
Knapp, R. Benjamin	Computer Science	Engineering	Center-HCI
Kochersberger, Kevin	Mechanical Engineering	Engineering	MAAP
Komendera, Erik	Mechanical Engineering	Engineering	Doc. Sch.
Langwig, Kate	Biological Sciences	Science	Doc. Sch; Center-HCI
Leng, Weinan	Civil & Environmental Engineering	Engineering	NCFL; Center-Emerging Technologies; VTSuN; NCEENI
Li, Ling	Mechanical Engineering	Engineering	Seed-JFA
Li, Liwu	School of Medicine	Science	Seed-JFA; Center-Engineered Health
Li, Song	School of Plant and Environmental Sciences	Agriculture & Life Sciences	Diversity
Lim, Sol	Industrial Systems Engineering	Engineering	EFO Award
Lin, Feng	Chemistry	Science	Seed-JFA; Diversity; Center-GEMI
Lind, Elena	Electrical and Computer Engineering	Engineering	Diversity; Seed-JFA; Center-SPACE
Link, Jonathan	Physics	Science	TOP Award; Center-VTSuN/Nanoscale Science & Engineering
Liu, Guoliang (Greg)	Chemistry	Science	Center-Emerging Technologies; MII; VTSun

Lohani, Vinod	Engineering Education	Engineering	Diversity; Center-MII/MBEDS; salary support
Lu, Guo Quan	Materials Science & Engineering	Engineering	Seed-JFA
Madsen, Louis	Chemistry	Science	Center-Emerging Technologies; MII/GEMI
Mahajan, Roop	Mechanical Engineering	Engineering	Seed-JFA; Center-Emerging Technologies/GEMI
Martin, Stephen M.	Chemical Engineering	Engineering	Center-HCI; MII
Mayhall, Nicholas	Chemistry	Science	NCFL; Doc. Sch.
McCrickard, Scott	Computer Science	Engineering	Center-VTSuN/Nanoscale Science & Engineering; Center-HCI
McDonnell, Christina	Psychology	Science	Doc. Sch.
McGehee, Nancy	Hospitality and Tourism Management	Business	Diversity
McLaughlin, Daniel	Forest Resources & Environmental Conservation	Natural Resources & Environment	Doc. Sch.
Merola, Joseph	Chemistry	Science	Diversity; Center-VTSuN/Nanoscale Science & Engineering
Michel, F. Marc	Geosciences	Science	Center-VTSuN; NCEENI
Miller, Barry	ICTAS	OVPR	DA-Adaptive Brain & Behavior
Moore, Robert	Chemistry	Science	Doc. Sch.; ETF; MII/GEMI
Morris, Amanda	Chemistry	Science	Seed-JFA; Center-MII/GEMI
Morshedzadeh, Elham	School of Architecture	Architecture & Urban Studies	Center-Emerging Technologies
Mueller, Rolf	Mechanical Engineering	Engineering	Emerging Technologies; Diversity
Mukhopadhyay, Bishwarup	Biochemistry	Science	Diversity
Munson, Jenny	Biomedical Engineering & Mechanics	Engineering	Center-Engineered Health; REAP Award; Doc. Sch.
Murayama, Mitsu	Materials Science & Engineering	Engineering	Center-Emerging Technologies; NCFL; VTSuN; NCEENI
Nain, Amrinder	Mechanical Engineering	Engineering	Center-Engineering Health; MII
Noble, Aaron	Mining & Minerals Engineering	Engineering	Not specified
Nojabaei, Bahareh	Mining & Minerals Engineering	Engineering	Seed-JFA
Nottingham, Quinton	Business Information Technology	Pamplin Business	Seed-JFA
Ogle, Todd	Tech Enhanced Lrng. & Online Strategies	Information Technology	Center-Emerging Technologies; Center-HCI

Ovissipour, Reza	Food Science & Technology	Agriculture & Life Science	Seed-JFA
Pacheco Duarte, Juliana	Mechanical Engineering	Mechanical Engineering	EFO Award
Paige, Frederick	Civil & Environmental Engineering	Engineering	Seed-JFA
Pleimling, Michael	Physics	Science	Center-HCI
Polys, Nicholas	Computer Science	Engineering	Center-Emerging Technologies; Center-HCI
Pruden-Bagchi, Amy	Civil & Environmental Engineering	Engineering	Center-Emerging Technologies; Doc. Sch.; VTSuN; NCEENI
Puckett, Anita	Religion & Culture	Liberal Arts & Human Sciences	Center-Emerging Technologies
Queen, Robin	Biomedical Engineering & Mechanics	Engineering	Diversity
Robertson, John	Biomedical Engineering & Mechanics	Veterinary Medicine	Center-VTSuN; EFO Award
Roman, Maren	Sustainable Biomaterials	Natural Resources & Environment	Diversity; MII; VTSuN
Roofigari-Esfahan, Nazila	Building Construction	Architecture & Urban Studies	Center-Emerging Technologies; Center-HCI
Ross, Shane	Aerospace & Ocean Engineering	Engineering	Seed-JFA; Center-Engineered Health
Rossmeisl, John	Small Animal Clinical Sciences	Veterinary Medicine	Seed-JFA; Center-Engineered Health
Rowson, Steven	Biomedical Engineering & Mechanics	Engineering	REAP Award; Center-Emerging Technologies; USAARL; Doc. Sch.; Salary Support
Samtani, Jayesh	Crop & Soil Environmental Science	Agriculture & Life Science	Diversity; Center-Emerging Technologies
Scales, Wayne	Electrical and Computer Engineering	Engineering	Diversity; Center-SPACE
Scarpa-Friedman, Angela	Psychology	Science	Doc. Sch.; DA- Adaptive Brain & Behavior
Schmale, David	Plant Pathology, Physiology & Weed Sciences	Agriculture & Life Sciences	Seed-JFA; Diversity
Schons, Stella	Forest Resources & Environmental Conservation	Natural Resources & Environment	Doc. Sch.
Schreiber, Madeline	Geosciences	Science	Center-Engineered Health; NCEENI
Seyam, Mohammed	Computer Science	Engineering	Diversity
Shahab, Shima	Mechanical Engineering	Engineering	Seed-JFA; Center-GEMI; EFO Award
Sharma, Akshay	School of Architecture	Architecture & Urban Studies	Center-HCI
Slade, Daniel Joseph	Biochemistry	Science	Seed-JFA



Socha, Jake	Biomedical Engineering and Mechanics	Engineering	Diversity
Steele, Meredith	School of Plant and Environmental Science	Agriculture & Life Sciences	Diversity
Stein, Jeff	Fralin Biomedical Research Institute	Agriculture & Life Sciences	Diversity; Doc. Sch.
Stephenson, Kurt	Agriculture & Applied Economics	Agriculture & Life Sciences	Doc. Sch.
Stevens, Ann	Biological Sciences	Science	Diversity
Stewart, Ryan	School of Plant & Environmental Sciences	Agriculture & Life Sciences	Center-Engineered Health; Doc. Sch.
Stremler, Mark	Biomedical Engineering & Mechanics	Engineering	Center-Emerging Technologies
Tallon, Carolina	Materials Science & Engineering	Engineering	Diversity; Doc. Sch.; MII
Tatar, Deborah	Computer Science	Engineering	Center-Emerging Technologies
Theus, Michelle	Biomedical Sciences & Pathobiology	Veterinary Medicine	Center-Emerging Technologies
Tu, Zhijian (Jake)	Biochemistry	Science	Seed-JFA; Center-Emerging Technologies; HCI
VandeVord, Pamela	Biomedical Engineering & Mechanics	Engineering	Neuroengineering; REAP Award; EFO Award
Verbridge, Scott	Biomedical Engineering & Mechanics	Engineering	Center-Engineered Health; Center-NSE/VTSuN; MII
Vikesland, Peter	Civil & Environmental Engineering	Engineering	Center-NSE/VTSuN; NCEENI
Vines, Karen	Agriculture Leadership & Community Education	Agriculture & Life Sciences	Diversity
Vlaisavljevich, Eli	Biomedical Engineering & Mechanics	Engineering	Seed-JFA; Doc. Sch.; Center-Engineered Health
Wang, Vincent	Biomedical Engineering & Mechanics	Engineering	TOP Award; REAP Award
Wang, Xiaofeng	School of Plant & Environmental Sciences	Agriculture & Life Sciences	Doc. Sch.
Wayne, Jennifer	Biomedical Engineering & Mechanics	Engineering	ETF
Weger-Lucarelli, James	Biomedical Sciences & Pathobiology	Veterinary Medicine	Seed-JFA
Weiss, Robert	Geosciences	Science	Doc. Sch; Cost Share
Wells, John	Integrative STEM Education	Liberal Arts & Sciences	Diversity
Westfall-Rudd, Donna	Agricultural Leadership & Community Education	Agriculture & Life Sciences	Diversity
Whittington, Abby	Mining & Minerals Engineering	Engineering	Center-MII; EFO Award
Williams, Christopher	Mechanical Engineering	Engineering	Doc. Sch.; Cost Share; MII
Wright, Clay	Biological Systems Engineering	Engineering	Seed-JFA

Xia, Kang	Crop & Soil Environmental Sciences	Agriculture & Life Sciences	Diversity
Xie, Hehuang	Epigenomics & Computational Biology	Veterinary Medicine	Center-Emerging Technologies
Xie, Weijun	Industrial & Systems Engineering	Engineering	Diversity
Xin, Hongliang	Chemical Engineering	Engineering	EFO Award
Yi, Yang (Cindy)	Electrical & Computer Engineering	Engineering	Seed-JFA
Young, Gregory	Aerospace and Ocean Engineering	Engineering	Center-Space
Yu, Hang	Materials Science & Engineering	Engineering	Seed-JFA; MII
Yue, Xiaowei	Industrial & Systems Engineering	Engineering	Diversity
Zhao, Bingyu	School of Plant & Environmental Sciences	Agriculture & Life Sciences	Diversity
Zhou, Wei	Chemical Engineering	Engineering	EFO Award
Zhu, Hongziao	Statistics	Science	Center-Emerging Technologies
Zuo, Lei	Mechanical Engineering	Engineering	EFO Award