



## TMS Member Receives ABET Honor; Congressional Fellow Update; Welcome New Members



Jeffrey Fergus

### Jeffrey Fergus Named ABET Fellow

Jeffrey Fergus, associate dean for undergraduate studies and program assessment and professor of materials engineering in the Samuel Ginn College of Engineering at Auburn University, was chosen as one of four 2020 ABET Fellows. As noted in his citation, Fergus was selected “for leadership ensuring high-quality training of Program Evaluators and Team Chairs, a smooth transition to the new engineering criteria, and laying the foundation for virtual visits within the EAC.” Fergus was honored at the virtual 2020 ABET Awards Celebration in October 2020.

Fergus has held a number of roles within ABET since 2003, most recently as Engineering Accreditation

Commission (EAC) Chair. The EAC is one of four ABET commissions responsible for reviewing educational programs and making accreditation decisions for each program. His additional roles within ABET include Program Evaluator, EAC vice chair of operations, and EAC Executive Committee member, for both TMS and ABET.

As a TMS member for more than 30 years, he has been a past chair and member of the Accreditation and Professional Registration Committees, was the first chair of the Professional Development Committee, and was a Board Director for Professional Development.



Megan Malara

### TMS/MRS Congressional Fellow Accepts Placement

Megan Malara, 2020–2021 TMS/MRS Congressional Science and Engineering Fellow, is bringing her background in biology, biomaterials, and materials science to the office of U.S. Senator Sherrod Brown (D-OH). Malara began her one-year term as a special legislative assistance on Capitol Hill in September 2020, after a two-week science policy orientation and several rounds of interviews with multiple offices to find the best fit. Activities in this role with Senator Brown’s office may include conducting legislative work, assisting in congressional hearings, or preparing briefs and writing speeches.

As a graduate student, Malara attended Material Advantage Congressional Visit Days, where she learned more about the role that scientists can play in advocating

for and influencing policy. “Scientists have a duty to the public to inform decisions made by policymakers,” she said. She continued her interests as a community team leader for a political campaign where she trained and organized volunteers to engage with the public on policy-related issues. Influenced by her Rust Belt upbringing, Malara has policy interests in translating research to manufacturing jobs, increasing opportunities for education, and improving public confidence in science.

For a listing of past Fellows and their *JOM* articles highlighting what they learned through the program, visit [www.tms.org/PGA](http://www.tms.org/PGA) and click the link for TMS/MRS Congressional Science and Engineering Fellowship.

### **member news**

Share the good news about your professional accomplishments! Contact Kaitlin Calva, JOM Magazine Managing Editor, at [kcalva@tms.org](mailto:kcalva@tms.org). Please note that only news submitted by current TMS members will be considered.

## TMS Welcomes New Members

**The TMS Board of Directors approved professional membership for the following individuals at its October 2020 meeting. Please join us in congratulating and welcoming them to all the privileges and benefits of TMS membership.**

Abbasi, Shahram; Esfahan's Mobarakeh Steel, Islamic Republic of Iran	Balakrishnan, Marimuthu; Kumarasamy College of Engineering, India	Christiansen-Salameh, Joyce; Keysight Technologies, United States
Abdel-Magid, Beckry; Winona State University, United States	Banerjee, Dilip Kumar; National Institute of Standards and Technology, United States	Cihova, Martina; ETH Zurich, Switzerland
Abiodun, Yetunde; University of Lagos, Nigeria, Nigeria	Barbosa, Isabella Tereza; FERRO Senac University Center, Brazil	Clarke, Declan; United Kingdom
Adekola, Folahan Amod; University of Ilorin, Nigeria	Basinger, John A.; United States	Cooke, Kavian O.; University of Bradford, United Kingdom
Ahmadvand, Mohammad Saeed; Illinois Institute of Technology, United States	Bauman, William J.; Baikowski Malakoff Inc., United States	Cora, Omer N.; Karadeniz Technical University, Turkey
Aidun, Daryush; Clarkson University, United States	Bawane, Kaustubh K.; Idaho National Laboratory, United States	Cubillas Martinez, Fernando; Universidad de Sonora, Mexico
Al Halwachi, Hussain A.; Aluminium Bahrain, Bahrain	Bernard, William J.; Surface Combustion, United States	Dada, Oluwaseun John; Signature EcoSystems Technologies, Nigeria
Albayrak, Onder; Mersin University, Turkey	Bhaumik, Subrajit; SRM Institute of Science & Technology Kattankulathur, India	Daoush, Walid M.; Imam Mohammad ibn Saud Islamic University, Saudi Arabia
Albrecht, Robert; University of Silesia, Poland	Bibhanshu, Nitish; Oak Ridge National Laboratory, United States	Das, Kaushik; United States
Ali, Zeeshan; National University of Sciences and Technology, Pakistan	Bodnar, Richard L.; SSAB, United States	Das, Piyush K.; Veer Surendra Sai University, India
Altin, Serdar; Inonu University, Turkey	Borunda, Adan; Advanced Material Research Center, Mexico	Das, Satyabrata; Council of Scientific & Industrial Reserach - Advanced Materials and Processes Research Institute, India
Amaechi, Ifeanyichukwu; Institut National de la Recherche Scientifique, Canada	Braun, Paul V.; University of Illinois, United States	Dash, Khushbu; Indian Institute of Technology Madras, India
Anderson, Magnus J.; United Kingdom	Buterbaugh, Chris P.; United States	De Avila Ribas, Morgana; MacDermid Alpha Electronic Solutions, Japan
Ashiri, Rouholah; Islamic Azad University, Islamic Republic of Iran	Cai, Qingan; University of California, Riverside, United States	Decock, Jeroen; Umicore NV, Belgium
Assadian, Mahtab; Callaghan Innovation, New Zealand	Chan, Alvaro; Workstrings International, United States	Devanshu, Ambrish; KIET Group of Institutions, India
Aworinde, Abraham K.; Covenant University, Nigeria	Chen, Shuonan; University of California, Riverside, United States	Dhall, Shivani; D.A.V. College, India
Bae, Douglas; Arconic, United States	Cheng, Kai-Yuan; United States	Dhokey, Narendra B.; College of Engineering, India
Bagheri, Ramin; Gam Afarin Wheel Co., Islamic Republic of Iran	Cheung, Noe; University of Campinas, Brazil	Dutta Majumdar, Jyotsna; Indian Institute of Technology, India
	Choudhary, Renu; Ames Laboratory, United States	

Economy, Jessica; Boise State University, United States	Habib, Khaled J.; Materials Science Laboratory, Kuwait	Jagatramka, Ritesh; United States
Efremenko, Vasily Georgijevich; Priazovskiy State Technical University, Ukraine	Hadi, Syamsul; State Polytechnic of Malang, Indonesia	Javad, Sofia; Pakistan
El-Hussiny, Naglaa A.; Central Metallurgical Research and Development Institute, Egypt	Hagisawa, Takehito; The Japan Steel Works, Japan	Jeon, Junmo; Aalto University, Finland
Emerson, Thomas; United Kingdom	Hahn, Gail; Boeing Company, United States	Johnson-Glauch, Nicole; California Polytechnic State University San Luis Obispo, United States
Fagiha, Hamza A.; Illinois Institute of Technology, United States	Haraldsson, Joakim; Linköping University, Sweden	Julian, Nicholas H.; University of California, Los Angeles, United States
Fechine, Pierre; Universidade Federal do Ceará, Brazil	Harris Odum, Nicole L.; AM/NS Calvert, United States	Jungjohann, Katherine; Sandia National Laboratories, United States
Finkelstein, Ryan D.; Wyman Gordan Forgings Inc., United States	Hassan, Hala Abd El-Hakim; Ain Shams University, Egypt	Junjie, Shi; China
Flores, Brandhon; Mexico	Hernandez, Javier; Universidad de Sonora, Mexico	Kairy, Prattay Deepta; University of Utah, United States
Gezicioglu, Yavuz; United States	Hernandez-Negrete, Ofelia; Universidad de Sonora, Mexico	Kajikawa, Koji; Japan Steel Works M&E Inc., Japan
Ghosh, Suddhodhan; Gautschi Engineering GmbH, Austria	Hestad, Samantha; Amptek, United States	Kamble, Deepak; Leibniz Institute for Solid State and Materials Research, Germany
Ghosh, Sumit; University of Oulu, Finland	Heulens, Jeroen; Umicore, Belgium	Kar, Amlan; Indian School of Mines, India
Giarmas, Vaggelis; Alumil SA, Greece	Hoeger, Leah; Luvata Appleton LLC, United States	Karade, Sukhdeo Rao; Council of Scientific & Industrial Research-Central Building Research Institute, India
Gogusetti, Renuka; United States	Hug, Eric; CRISMAT Laboratory, France	Karimi, Roshanak; Foolad Mehr Sahand, Islamic Republic of Iran
Golen, Erin; Association for Iron & Steel, United States	Hussain, Syed Rizwan; National University of Sciences and Technology, Pakistan	Kaushik, Pallava; ArcelorMittal Global R&D, United States
Gomez, Andrea; United States	Iglesias, Roberto; University of Oviedo, Spain	Kavanlouei, Majid; Urmia University, Islamic Republic of Iran
Gorley, Michael; United States	Iliukha, Nickolai H.; Kyiv University, Ukraine	Kennedy, John Rory; Idaho National Laboratory, United States
Greene, Rawley B.; United States	Imroze, Fiheon; Indian Institute of Technology Madras, India	Khan, Gobinda Gopal; Tripura University, India
Gruber, Georg; BSH Home Appliances, Germany	Iqbal, Khurram; Institute of Business Management, Pakistan	Khan, Kunwar Laiq; KIET, India
Gubicza, Jenő; Eotvos Lorand University, Hungary	Ishikawa, Hiroki; Idemitsu Kosan, Japan	Khurram, Yaqoob; National University of Science and Technology, Pakistan
Gunasegaram, Dayalan R.; Commonwealth Scientific and Industrial Research Organisation, Australia	Islam, Mohammad; King Saud University, United States	Kirik, Ihsan; Bingöl University, Turkey
Gutierrez-Castaneda, Emmanuel J.; Universidad Autónoma de San Luis Potosí, Mexico	Iyen, Cooney; Federal University Wukari, Nigeria	
Habib, Khaled; Materials Science and Photo Electronics Lab, Kuwait	Jagarlaqudi, Krishna S.; Lam Research, India	



Kober, Edward; Los Alamos National Laboratory, United States	Lillard, Jennifer; University of Akron, United States	Moelnaas, Haavard; Elkem ASA, United States
Koppad, Praveennath G.; Dayananda Sagar College of Engineering, India	Liu, Yu-chen; National Cheng Kung University, Taiwan	Mogaddas, Ehsan; Mobarake Steel Co., Islamic Republic of Iran
Koskelo, Aaron; Los Alamos National Laboratory, United States	Liu, Jiawei; Chongqing University, China	Momeni, Amir; Hamedan University of Technology, Islamic Republic of Iran
Kostrzyzhev, Andrii G.; University of Wollongong, Australia	Lliukha, Nickolay G.; Kyiv Politechnical University	Monsegue, Niven; Federal-Mogul Corporation, United States
Krishnaswamy, Nagarajan; Commarin Petroleum Inc., Canada	Longo, Francisco G.; FL&A, Dominican Republic	Moser, Newell; National Institute of Standards and Technology, United States
Kuang, Huilin; United States	Lu, Matthew Y.; United States	Motshwawedi, Saasebeng S.; South Africa
Kulkarni, Ajit; Indian Institute of Technology Bombay, India	Ma, Chi; United States	Muhammad, Adeel; Pakistan
Kumar, Atul; Defence Metallurgical Research Laboratory, India	Makaya, Advenit; European Space Agency, Japan	Murden, Patrick; United Kingdom
Kumar, Deepak; Indian Institute of Science, Bengaluru, India	Malathi, Madhurai; National Metallurgical Laboratory, India	Mustapha, Kabiru; Kwara State University, Nigeria
Kumar, Kaushlendra; Defence Metallurgical Research Laboratory, India	Mandal, Arup Kumar; Indian Institute of Technology (Banaras Hindu University), Varanasi, India	Na, Noori; United States
Kuo, Dong-Hau; National Taiwan University of Science and Technology, Taiwan	Manivasagam, Geetha; Vellore Institute of Technology, India	Nassar, Eman Ebrahim; Higher Technological Institute, Egypt
Kurniawan, Denni; Universiti Teknologi Brunei, Brunei Darussalam	Manzoor, Faisal; University of Ulster, United Kingdom	Naushin, Nushrat; Khulna University of Engineering and Technology, Bangladesh
Kyung, Shik Oh; POSCO, North Korea	Marchel, Zeke S.; Oshkosh Corporation, United States	Nawaz, Muddasir; Qatar University, Pakistan
Lanje, Amrut Sadashiv; Dr. Babasaheb Ambedkar College of Arts, Commerce & Science, India	Maria Pillai, Nandhakumaran; Cosma Casting Michigan (Magna International), United States	Nayyeri, Mohammad Javad; Islamic Azad University, Islamic Republic of Iran
Lanza, Mark S.; Pacific Northwest National Laboratory, United States	Martinez, Dora I.; Universidad Autónoma de Nuevo León, Mexico	Nyamukapa, Tapiwa G.; University of Zimbabwe, Zimbabwe
Lavanya, S.; Indira Gandhi Center for Atomic Research, India	Matin, M.D.; Bangladesh University of Engineering and Technology, Bangladesh	Obara, Richard; Emerson Climate Technologies, United States
Le, Bryan T.; United States	Meisels, Aryeh P.; Aerojet Rocketdyne, United States	Obregon Machado, Javier E.; University of Illinois at Chicago, United States
Leopold, Leopold; ETH Zurich, Switzerland	Mhlanga, Cynthia; University of Zimbabwe, Zimbabwe	Osoba, Lawrence O.; University of Lagos, Nigeria
Li, Yang; Chongqing University, China	Mihajlovic, Ivan; University of Belgrade, Serbia and Montenegro	Oster, Simon E.; United States
Liang, Wu; Chongqing University, China	Mir, Feroz; BGSB University, India	Ouyang, Jun; United States
	Mitchell, Jeremy N.; Los Alamos National Laboratory, United States	Owolabi, Oluwasegun B.; National Engineering Design Development Institute, Nigeria

Oyatogun, Grace Modupe; Obafemi Awolowo University, Nigeria	Rameshkumar, Santhosh; DRDO Young Scientist Laboratory, India	Selvam, Kannan; Laxmi Institute of Technology, India
Panda, Sujata; Rajiv Gandhi Institute for Steel Technology, India	Real-Ramirez, Cesar; Universidad Autonoma Metropolitana, Mexico	Sevik, Huseyin; Mersin University, Turkey
Parasumanna, Ajeet Babu Kumar; The Automotive Research Association of India, India	Reddy, Madhu; Raytheon Vision Systems, United States	Shalaan, El-sayed; King Abdulaziz University, Saudi Arabia
Park, Woonsup; Aerospace Corporation, United States	Redmond, Paul; Redmond Metallurgical Consulting, United States	Shankar, Vani; Indira Gandhi Centre for Atomic Research, India
Patel, Pranay M.; United States	Reidy, John P.; Desktop Metal Inc., United States	Sharma, Radheshyam; United States
Pathak, Ashish; Defence Metallurgical Research Laboratory, India	Reigel, Marissa M.; Savannah River National Laboratory, United States	Sharma, Pankaj; National Institute of Technical Teachers Training and Research, India
Perez, Antonino; CIMAV, Mexico	Reyes-Dominguez, Ivan A.; Universidad Autonoma de San Luis Potosi, Mexico	Sharma, S.C.; National Assessment and Accreditation Council, India
Phale, Prasad S.; The Automotive Research Association of India, India	Rodrigues Jr., Jose Antonio Miguel; Anglo American Brasil, Brazil	Sharma, Subhash; Centro de Nanociencias y Nanotecnología de las Universidad Nacional Autónoma de México, Mexico
Poddar, Vaishali Sushil; College of Engineering Pune, India	Rosales-Marin, Gilberto; Couordinacion Académica Región Altiplano de la Universidad Autónoma de San Luis, Mexico	Sharma, Sumit Kumar; BIT Sindri, India
Popuri, Srinivasa R.; University of the West Indies, Barbados	Roy, Ankit; Lehigh University, United States	Sharma, Vinay K.; Nanyan Technological University, Singapore
Poursaman, Samaneh; Aluminium Research Centre (Regal), Canada	Ruckh, Elena; European Space Agency, Netherlands	Shekhar, Prabhanshu; United States
Pownceby, Mark Ian; Commonwealth Scientific and Industrial Research Organisation, Australia	Ruiz-Sanchez, Angel; Mexico	Shelyug, Anna; Institute of Solid State Chemistry, Russia
Prakash, Vikas; Washington State University, United States	Ruopp, Peter G.; PGRI, United States	Shi, Renhai; University of Science and Technology Beijing, China
Prasad, Kartik; Defence Metallurgical Research Laboratory, India	Sabolsky, Edward M.; West Virginia University, United States	Shubrajit, Bhaumik; SRM Institute of Science and Technology, India
Rachuri, Sharat Chandra; Defence Metallurgical Research Laboratory, India	Sahay, Satyam S.; John Deere, India	Shukla, Shivakant; Oak Ridge National Laboratory, United States
Rafailidis, Nikolaos; Alumil Group, Greece	Sahin, Gorkem; ETH, Switzerland	Sidorov, Valeriy; Ural State Pedagogical University, Russian Federation
Ragavan, Ramakrishnan; India	Salehi, Maryam; Iran University of Science and Technology, Islamic Republic of Iran	Singh, Garima; ROTOP Pharmaka, India
Rai, Rajesh K.; MNIT, India	Samardzic, Veljko; New Jersey Institute of Technology, United States	Singh, Manjri; Council of Scientific & Industrial Research, India
Rajendran, Venkatachalam; Dr. N.G.P. Arts and Science College, India	Saternus, Mariola; Silesian University of Technology, Poland	Singh, Sradhanjali; Council of Scientific & Industrial Research, India
Raji, Sadiq Abiola; Tshwane University of Technology, South Africa	Satur, Ohsaki; Japan Steel Works M&E Inc., Japan	
	Schroeder, Tyler; United States	

Sisodia, Veenu; Central University of Rajasthan, India	Agadi College of Engineering & Technology Lakshmeshwar, India	Williams, Adrienne D.; ADee Technologies LLC, United States
Sivaswamy, Giribaskar; Advanced Forming Research Centre, University of Strathclyde, Glasgow, United Kingdom	Taunk, Manish; Indus International University, India	Williams, Kevin; Advanced Dynamics Corporation Ltd., Canada
Sreenarayanan, Sanjay; Lam Research, India	Teja, Surya B.; India	Wright, Ashleigh R.; North Carolina State University, United States
Sridhar, A.; Defence Met Research Laboratory, India	Tewari, Sudhir K.; GE Aviation, United States	Wu, Yipin; Keysight Technologies, United States
Srivastava, Anurag; Atal Bihari Vajpayee-Indian Institute of Information Technology and Management, India	Tiammar, Arif S.; PT Wanatiara Persada, Indonesia	Wu, Yiquan; Alfred University, United States
Su, Shei Sia; United States	Trebukhov, Sergey; Institute Metallurgy and Ore Beneficiation JSC, Kazakhstan	Xhanti, M.; Russia
Sun, Binhan; Max-Planck Institute, Germany	Turgut, Güven; Erzurum Technical University, Turkey	Yamanoglu, Ridvan; Kocaeli University, Turkey
Sun, Yaokun; United States	Uysal, Alper; Yildiz Technical University, Turkey	Yamanouchi, Takuya; Japan Steel Works M&E Inc., Japan
Sun, Yani; United States	Vamsi, K. V.; University of California, Santa Barbara, United States	Yanala, Srinivasa Reddy; Chaitanya Bharathi Institute of Tech, India
Szost, Blanka Angelika; University of Cambridge, Germany	Veerababu, R.; Defence Metallurgical Research Laboratory, India	Yao, Yao; Schlumberger, United States
Taheri, A. Karimi; Sharif University of Technology, Islamic Republic of Iran	Velazquez, Jesus M.; University of California, Davis, United States	Yoshiya, Masato; Osaka University, Japan
Tamang, Siddharth; Indian Institute of Technology Delhi, India	Venegas, Diego; Universidad del Bío-Bío, Chile	Youssif, Khalid; Aluminum Company of Egypt, Egypt
Tamimi, Saeed; Advanced Forming Research Centre, University of Strathclyde, United Kingdom	Venkatesh, Pavan Hanu; Bharat Heavy Electricals Limited, India	Zahoor, Mudasar; King Fahd University, Saudi Arabia
Tan, Danny; United States	Villarreal, Julian E.; United States	Zeka, Bastri
Tao, Chen; Chongqing University, China	Vishnumolakala, Krishna; United States	Zhang, Liangzhe; Stress Engineering Service Inc., United States
Tattimani, Mahantesh S.; Smt. Kamala & Sri Venkappa M.	Wakeford, Ryan; Terracon, United States	Zhang, Lin; University of Science & Technology Beijing, China
	Wang, Jun; Deakin University, Australia	Zhang, Shuye; Harbin Institute of Technology, China
	Wang, Tao; Rio Tinto, United States	
	Welch, Lynn; Kean Miller, United States	

***\*Membership grade recommendations are based on a review of credentials provided by the individuals. These credentials are taken on the honor system and not independently verified, except by exception.***