



Curriculum Vitae of Eugene A. Olevsky

Dean and Distinguished Professor
Director, San Diego State University Powder Technology Laboratory

Eugene Olevsky is the Dean of the College of Engineering at San Diego State University (SDSU) and a Distinguished Professor of Mechanical Engineering. He also serves as Director of the Powder Technology Laboratory at SDSU.

Dr. Olevsky earned dual M.S. degrees in Mechanical Engineering and in Applied Mathematics, followed by a Ph.D. in Materials Engineering. His primary expertise is in experimental and computational modeling of powder processing, including the synthesis of novel ceramic, metallic, glass, and composite materials, as well as additive manufacturing technologies. He is internationally recognized as the originator of the continuum theory of sintering, which has become a foundational contribution to the field.

Dr. Olevsky has authored more than 560 scientific publications and presentations, he also presented over 150 invited and keynote talks at major professional conferences. According to Thomson Reuters ISI, he is among the most highly cited researchers in the area of powder sintering modeling, and his papers on the continuum theory of sintering are widely regarded as benchmark contributions. Over his career, he has supervised more than 100 graduate students, postdoctoral researchers, and visiting scholars.

His research and educational achievements have been recognized through numerous awards and honors. Dr. Olevsky holds the title of Distinguished Professor and was the first faculty member in the College of Engineering to receive this honor at SDSU. He is a Fellow of the Minerals, Metals & Materials Society (TMS), the American Ceramic Society, the American Society of Mechanical Engineers (ASME), and ASM International. He is also a Humboldt Fellow and an Academician of the World Academy of Ceramics.

Dr. Olevsky's accolades include the TMS MPMD Distinguished Scientist/Engineer Award, the TMS-AIME Champion H. Mathewson Award, the Frenkel Prize, which is the highest honor from the International Institute for Science of Sintering, the Pfeil Award from the Royal Institute of Materials, Minerals and Mining in the UK, the SDSU Alumni Association Outstanding Faculty Award, and the SDSU President's Leadership Award. He is an Honorary Member of the Ukraine Materials Research Society, a Fellow and Vice President of the International Institute for Science of Sintering, and a Foreign Member of both the National Academy of Engineering Sciences of Serbia and the National Academy of Mining Sciences in the Republic of Georgia. He also serves as a Chair of the International Sintering Conferences, which function as the de facto World Congress on Sintering.

Professional Preparation

Institution	Major	Degree	Year
National Technical University of Ukraine	Mech. Engineering	B.S./M.S.	1985
T. Shevchenko National University of Kyiv	Applied Mathematics	B.S./M.S.	1986
Ukraine National Academy of Sciences	Materials Engineering	Ph.D.	1990

Major Professional Experience

2018 - present | Dean and Distinguished Professor, College of Engineering, SDSU
 2015 | Associate Dean and Distinguished Professor, College of Engineering, SDSU
 2007 | Distinguished Professor, Dept. of Mechanical Engineering, SDSU
 2004 | Professor, Department of Mechanical Engineering, SDSU
 2001 | Associate Professor, Department of Mechanical Engineering, SDSU
 1998 | Assistant Professor, Department of Mechanical Engineering, SDSU
 1995 | NSF Scholar, Institute for Mechanics and Materials, UCSD

1994 | Research Fellow, Metallurgical & Materials Eng. Dep., Catholic University of Leuven, Belgium

1992 | Humboldt Fellow, Max-Planck-Inst. for Metal Res., Stuttgart, Germany

1985 | Leading Res. Assoc., Inst. Mater. Sci., Ukraine National Acad. of Sci., Kyiv, Ukraine

Products

More than 560 scientific publications, 12 patents, more than 150 invited presentations.

Advisees

More than 100 graduate, undergraduate, postdoctoral researchers, and visiting scholars.

Grants

More than 100 grant awards at US and international institutions of the total amount of more than \$30M.

Expertise

Materials Science, Mechanical Engineering, Sintering, Field-Assisted Materials Processing, Manufacturing Processes, Biomaterials, Powder Processing, Metallurgy, Additive Manufacturing.

Awards and Professional Recognitions

- ❖ Olevsky Honorary Symposium, The Minerals, Metals & Materials Society (TMS): 2026
- ❖ Outstanding Inventor Award, SDSU Chapter of American Academy of Inventors: 2025
- ❖ Frenkel Prize of the International Institute for Science of Sintering: 2024
- ❖ Fellow of the Minerals, Metals & Materials Society (TMS): 2023
- ❖ Academician of the World Academy of Ceramics: 2023
- ❖ Foreign Member of the National Academy of Mining Sci., Republic of Georgia: 2023
- ❖ TMS-AIME Champion H. Mathewson Award: 2022
- ❖ Foreign Member of the National Academy of Engineering Sciences of Serbia: 2022
- ❖ Pfeil Award of the Royal Institute of Materials, Minerals, and Mining, UK: 2021
- ❖ The Minerals, Metals & Materials Soc. Distinguished Scientist/Engineer Award: 2020
- ❖ Best Paper Award: Journal of the American Ceramic Society: 2019
- ❖ Fellow of ASM (American Society of Metallurgy) International: 2018
- ❖ Best Paper Free Open Access Award: Materials and Metallurgical Transactions A: 2018
- ❖ Best Paper Honorary Symposium Award: Journal of the American Ceramic Society: 2018
- ❖ Invited Prof., Adv. Board Member at Center for Add. Manuf., Chalmers U., Sweden: 2017
- ❖ Invited Professorship at University of Trento, Italy, Member of Doctoral Committees: 2016
- ❖ Invited Professorship at Tokyo Institute of Technology, Japan: 2015
- ❖ Honorary Member of the Ukraine Materials Research Society: 2012
- ❖ Fellow of the American Ceramic Society: 2011
- ❖ SDSU President's Leadership Award: 2010
- ❖ Honorary Lecturer Award, Korean Powder Metallurgy Association: 2009
- ❖ SDSU Alumni Association Outstanding Faculty Award: 2009
- ❖ Fellow of the American Society of Mechanical Engineers: 2008
- ❖ Albert W. Johnson Distinguished Professor Award: 2006
- ❖ SDSU President's Top 25 Honor: 2005
- ❖ Fellow (Full Member) of the International Institute for Science of Sintering: 2002
- ❖ NSF Young Investigator (Career) Award: 2000
- ❖ TRW Excellence in Teaching Award: 2000
- ❖ Associate Fellow (Associate Member) of the Intern. Institute for Science of Sintering: 1998
- ❖ NSF IMM Award: 1995-1998
- ❖ Alexander-von-Humboldt Fellow, Germany: 1992
- ❖ Young Investigator Award (Ukraine National Academy of Sciences): 1990
- ❖ High School Valedictorian (Gold Medal for Academic Achievements): 1979

Professional Society Membership

- ❖ The Minerals, Metals & Materials Society (Fellow)
- ❖ American Ceramic Society (Fellow)
- ❖ American Society of Mechanical Engineers (Fellow)
- ❖ ASM (American Society of Metallurgy) International (Fellow)
- ❖ International Institute for Science of Sintering (Fellow and Vice-President)
- ❖ Ukraine Materials Research Society (Honorary Member)
- ❖ Humboldt Foundation (Fellow)
- ❖ World Academy of Ceramics (Academician)

- ❖ American Powder Metallurgy Institute
- ❖ American Society of Engineering Education
- ❖ Materials Research Society
- ❖ International Microelectronics and Packaging Society (IMAPS)