American Competitiveness and Innovation (ACI) Fellows in the Division of Materials Research

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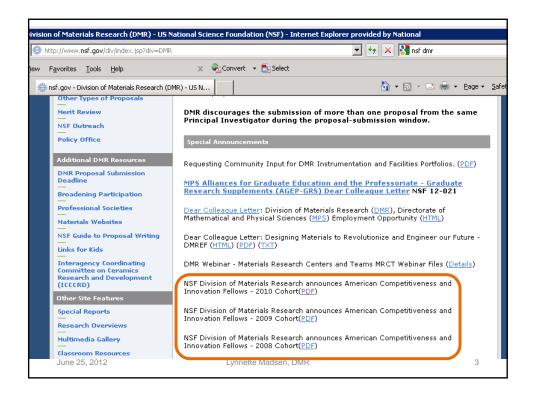
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ACI Fellows

- Created in 2008, DMR's Division Director Lance Haworth
- Continued in 2009 and 2010 under DMR's Division Director Zakya Kafafi
- a new recognition for grantees who have demonstrated a combination of transformative research accomplishments and outstanding contributions toward education, mentoring, and broadening participation of women, underrepresented minorities, and people with disabilities
 - Nominated by Program Directors (PDs);
 selected by management



Recognition *

Existing awardees: supplement + 2 year creativity extension

 New awardees: higher \$-level + longer duration award

• 2008: 12 recipients

• 2009: 6 recipients

• 2010: 10 recipients



CER Nominations 2008

- Professor Richard K. Brow, Department of Ceramic Engineering, Missouri University of Science and Technology,
 - "for his transformative research on glasses and his steady contribution to the mentoring and training of young women in materials science and engineering at both the undergraduate and graduate levels".
- Professor Sossina M. Haile, Department of Materials Science, California Institute of Technology, "for her timely and transformative research in the energy field and her dedication to inclusive mentoring, education and outreach across many levels."

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CER Nominations 2009

 Professor Juan C. Nino, Department of Materials Science and Engineering, University of Florida, "for his ground-breaking work on fluorite related ceramics, and his mentorship of young women and Latinos/Hispanics interested in electroceramics."

CER Nominations 2010

- Tewodros Asefa, Rutgers University New Brunswick, Chemistry & Chemical Biology, (DMR-0968937)
- Professor Tewodros Asefa is recognized for his innovative approaches on nanoporous materials, and his dedication to inclusive teaching across the spectrum to all age groups.
- Katherine T. Faber, Northwestern University, Materials Science & Engineering, (DMR-0710630)
- Professor **Katherine T. Faber** is recognized for her leadership in both the field of ceramics and in the advancement of women in science and engineering.

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What can we learn?

- What enabled these researchers to do topnotch research?
- How did they succeed in broadening participation?
- What advice do they have?
- What did the creativity extension enable them to do?