

Separation Science and Technology as a Convergence Platform for *SusChEM*, Sustainable Chemistry, Engineering and Materials

CRITICAL MATERIALS ORGANIZING TEAM



Gretchen Baier
Dow Chemical



Mamadou Diallo
KAIST/Caltech



Catherine "Katie" Hunt
Dow Chemical (Retired)



Bruce Moyer
ORNL



Seyi Oduyungbo
Chevron



Eric Peterson
INL



Darlene Schuster
AIChE



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Critical Materials Institute



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PROGRAM

Tuesday, August 12, 2014

7:30 AM **Meet and Greet** – Networking opportunity: **coffee will be served!**

8:00 AM **Session ANYL26A** – Recognizing Criticality and a Call for Action: Waste as Untapped Source of Valuable Materials



Rosemarie Wesson
NSF



David Allen
UT Austin



Diana Bauer
DOE

10:10 AM **Session ANYL26B** – Reengineering Mining and Extractive Metallurgy: Green Mining



John Burba
Symbol Materials



Bruce Moyer
ORNL



Corby Anderson
Colorado School of Mines

12:10 PM **Lunch Break**

1:30 PM **Session ANYL26C** – Purifying Impaired Water: Resource Recovery and Water Reclamation



Tracy Young
Dow Chemical



Karen Pickering
NASA



Bert Hamelers
Wetsus



Mamadou Diallo
KAIST and Caltech



Susannah Scott
UCSB

5:10PM **Closing Remarks (Day 1)**

Wednesday, August 13, 2014

7:30 AM **Meet and Greet** – Networking opportunity: **coffee will be served!**

8:00 AM **Session ANYL26D** – Reclaiming Precious and Rare Earth Metals: From Urban Mining to Recycling



Mark Caffarey
Umicore



Eric Peterson
INL



David Reed
INL

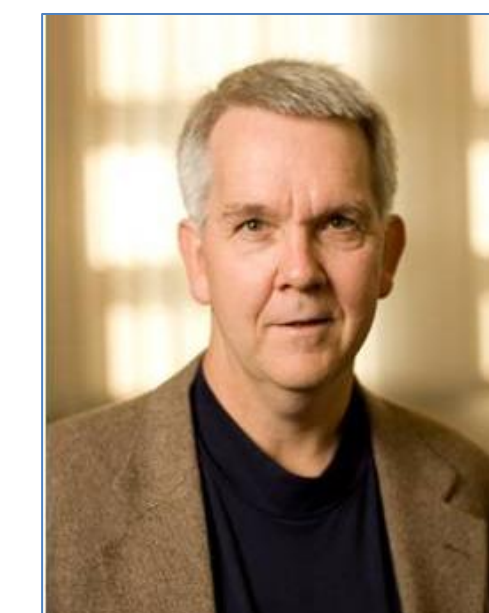
10:20 AM **Session ANYL26E** – Converging Separation Science and Technologies for Materials Sustainability: Research and Education Needs



Alex King
CMI



Yves Gnanou
KAUST



Paul Bohn
Notre Dame



Yoshi Kawajiri
Georgia Tech

12:20 PM **Closing Remarks** by C. T. Hunt and R. Wesson

