

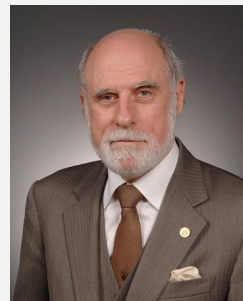
# IV. Subcommittee Session

# Subcommittees Overview



Created to aid in NIST's efforts to support America's competitiveness in the global economy

## Visibility Improvement



Vinton Cerf  
(Chair)



George Fischer



Katharine Ku



Eric Kaler



David Griffith  
(PCO Rotator)

## Workforce Development Efforts



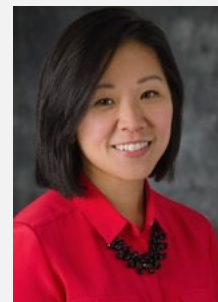
Gail Folena-Wasserman  
(Chair)



Anthony Johnson



Keoki Jackson



Lisa Ng  
(PCO Rotator)

## Alignment of Manufacturing Efforts



David Vasko  
(Chair)



Michelle Parker



Mehmood Kha



Dimitrios Meritis  
(PCO Rotator)

# VCAT Subcommittee on Visibility Improvement Update

Subcommittee Chair: Dr. Vinton G. Cerf

Subcommittee Members:

Mr. George Fischer

Dr. Eric Kaler

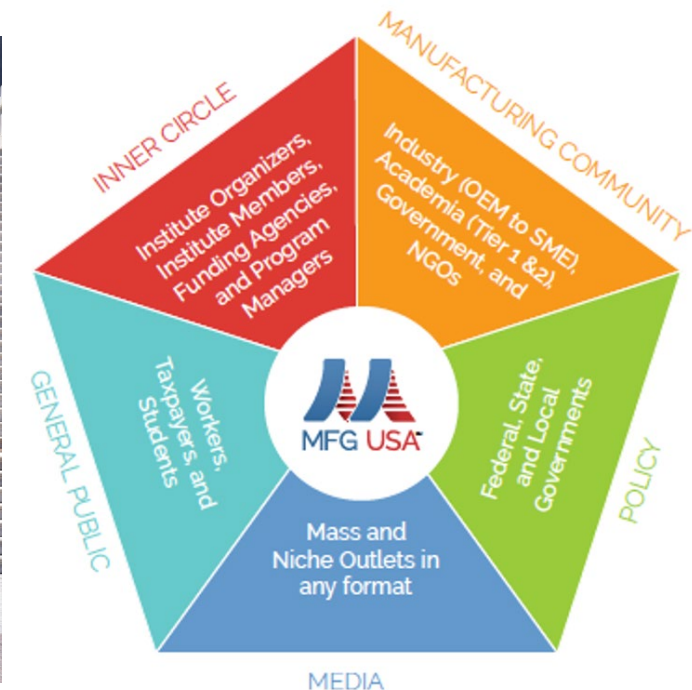
Ms. Katharine Ku

# VCAT Subcommittee on Visibility Improvement



This subcommittee will report to the VCAT and make recommendations on the following, among other related topics:

- Developing clear messaging to effectively communicate NIST's value across stakeholder groups
- Mechanisms for the strategic delivery of NIST's messaging
- Approaches for increasing the exposure of key stakeholders to NIST's critical work driving American innovation



# Actions taken



## Subcommittee met in September and October

- NIST PCO analyst presented background information on existing visibility efforts at NIST and DOC
- Subcommittee decided to reach out to subject matter expert for consultation
- Investigate the use of polling to gain additional insights into NIST's visibility and what approaches would benefit the agency

# Future actions



## Subcommittee plans additional meetings

- Subcommittee will prepare recommendations for VCAT discussion prior to February VCAT meeting with NIST leadership

# VCAT Subcommittee on Workforce Development Update

Subcommittee Chair: Dr. Gail Folena-Wasserman

Subcommittee Members:

Dr. Keoki Jackson (VCAT Vice Chair)

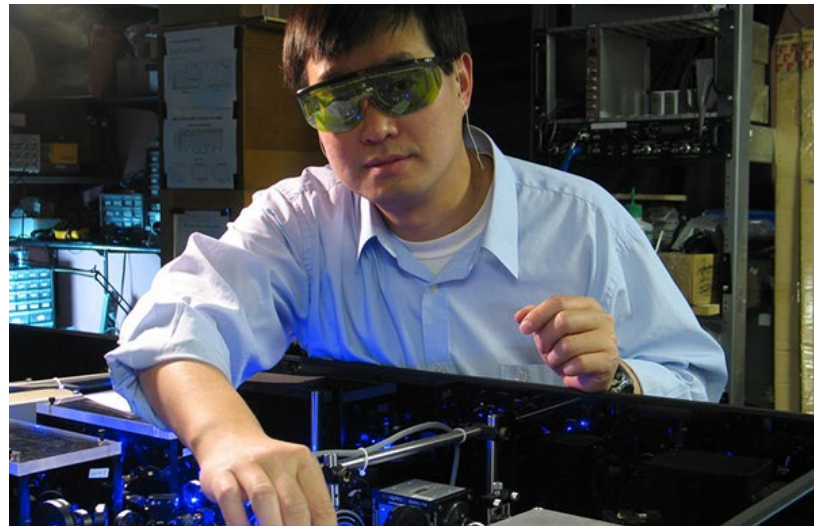
Dr. Anthony Johnson

# VCAT Subcommittee on Workforce Development Efforts



Charged to report to the VCAT and make recommendations on the following, among other related topics to create a more equitable employee engagement experience and promote diversity, equity, inclusion, and accessibility (DEIA):

- Academic programs for students for pipeline development and nurturing the science, technology, engineering and math (STEM) workforce
- Expansion of Manufacturing USA Institute training efforts
- Pilot programs to help women return to the workforce after a prolonged absence







## Subcommittee met in September and October

- NIST PCO analyst presented background information on existing workforce development efforts at NIST and DOC
- Each of three charges delegated to a subcommittee member to lead draft plan of action
- Visiting technical experts (VTE) engaged
  - One academic subject matter expert included on committee full time
  - Presentation on an external program on building a STEM talent pipeline
  - Manufacturing USA VTEs consulted
  - Several potential academic and industry experts on special topics identified
- Drafting plans of action to recommendations



## Subcommittee to meet biweekly

- Gather data on needs, existing offerings and identified gaps related to each of the 3 charges
  - Solicit additional external expert feedback
  - Identify other data sources
  - Visiting technical experts panel on challenges faced in returning to work following prolonged absence
- Gather data on employee engagement and DEIA status related to each of the 3 charges
- Prepare recommendations
  - Solicit feedback from external experts through working sessions with VCAT

# VCAT Subcommittee on Alignment of Manufacturing Efforts Update

Subcommittee Chair: Mr. David Vasko

Subcommittee Members:

Dr. Michelle Parker

Dr. Mehmood Khan

# VCAT Subcommittee on Alignment of Manufacturing Efforts



NIST



Solving industry challenges together

Charged with **envisioning ways** and **providing recommendations** for NIST's programs:

1. better integrate and align to effectively span the innovation continuum
2. deliver solutions that enables industry to accelerate competitiveness and impact

To **examine** the **alignment** of NIST laboratory outputs, MEP and Manufacturing USA.

To **report** to the Committee and **make recommendations** on the following, among other related topics:

1. strategic use of the CHIPS Act to establish alignment
2. benchmarking against Germany's Fraunhofer and other similar organizations for best practices
3. development of a matching concierge service to make connections between laboratories, MEP, and Manufacturing USA

# Actions taken



## Meeting 01 held on 27 SEP 2022

- NIST PCO Program Analyst and SMEs presented background information on
  1. CHIPS Act Implementation
  2. an initiative by “America Works” in Germany
  3. an update of MATTR, MATTR+, and MEP-MFG USA Advanced Tech Team

## Meeting 02 held on 11 OCT 2022

- NIST Office of Advanced Manufacturing briefing on Advanced Manufacturing International Benchmarking

**Both meetings featured robust discussion and follow-on assignments**



## Subcommittee plans additional meetings

- Meeting 03 scheduled for 01 NOV 2022 (agenda in draft)
  1. MEP-MFG USA engagement and findings from the embedding pilot
  2. Tech transfer
- Subcommittee will prepare recommendations for VCAT discussion prior to February VCAT meeting with NIST leadership

# Discussion

# VCAT Subcommittees Discussion



- Are there additional external visiting experts that the Subcommittee should consider?
- How can NIST help?
- Timeline for VCAT recommendations



Thank You