



# NCSL International Strategic Planning for the Future

**Lonnie Spires**

NCSLI – European Regional Deputy

NCSLI – VP Operations

Trescal – North America Managing Director

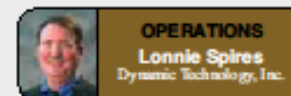
# NCSL International

NCSL International (NCSLI) is a nonprofit corporation comprised of people and organizations involved in Metrology, calibration and testing.

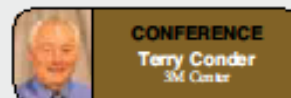
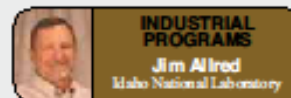
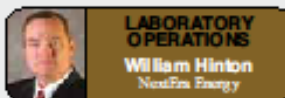
# NCSL International Celebrates



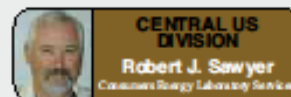
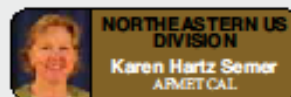
# NCSLI BOD



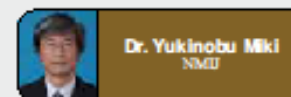
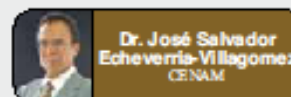
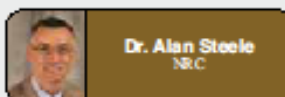
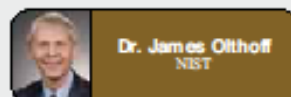
## >> Operations Vice Presidents



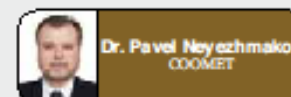
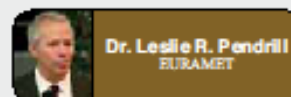
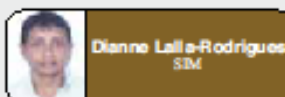
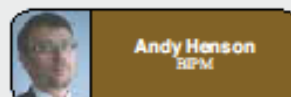
## >> Division Vice Presidents



## >> National Metrology Institute (NMI) Representatives



## >> Regional Metrology Organization (RMO) Representatives



# NCSLI Strategic Planning

- Strategic Planning for 2011 & 2012 began prior to October 2010 BOD Meeting.
- Board approved for restructuring of the Board and Committees.
- Key Initiatives for 2011-2012 are:
  - Making the Case for Metrology;
  - Learning and Development;
  - National and International Collaboration;
  - Member Benefits (Products and Services); and
  - Operational Infrastructures.



# Key Board Topics

## January 2011

- What is our Business (Mission and Vision)?
- Who are our Members?
- What do our Members Value?
  - Conference Planning and Highlights
  - Region/Section Training Events
  - Membership Levels and Benefits
  - Our International Strategy
  - Products: Publications
  - Access to Information: NCSLI Website

# May 2011 BOD Meeting Boulder, Colorado



**NCSL INTERNATIONAL**  
Serving the World of Measurement

# Vision and Mission Statements Revised

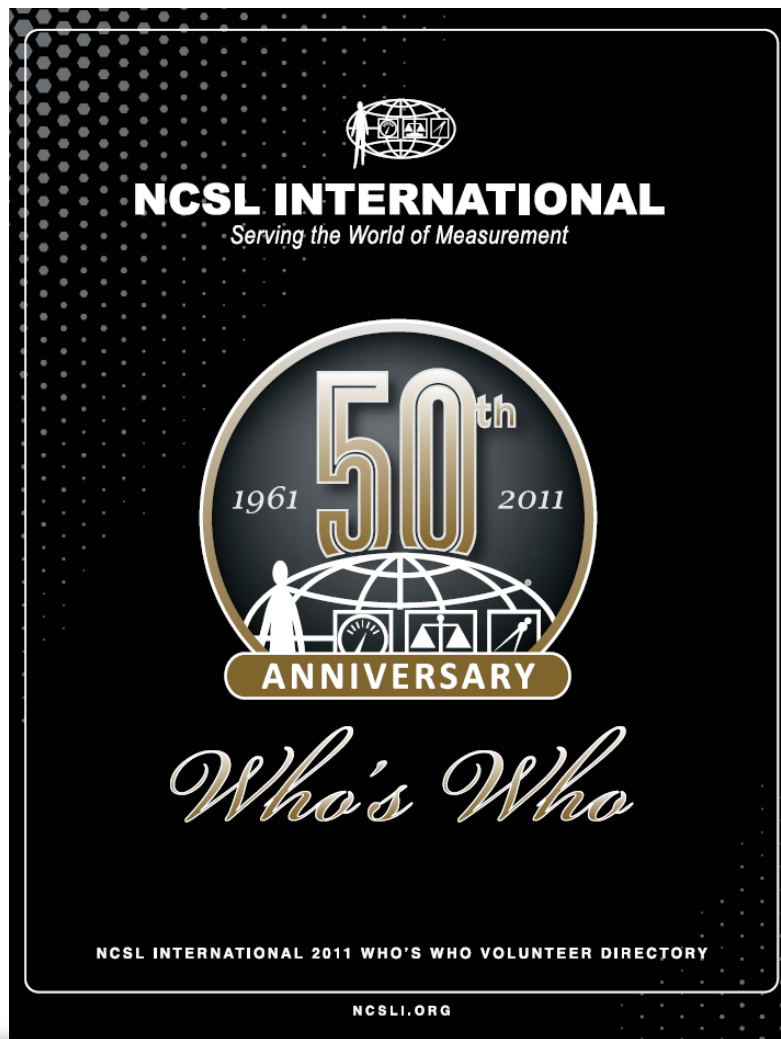
- NCSL International Vision:  
To be the Recognized Leader for Excellence in  
Measurement Science
- NCSL International Mission is to:
  - **Invest** in the Advancement of Measurement Science
  - **Promote** Education and Skill Development
  - **Provide** Tools and Resources to Enhance Member  
Processes
  - **Drive** Technical Integrity in Documentary Standards



Microsoft Word  
17 - 2003 Document



# 2011 Who's Who Published



# Business & Training Facility



BOULDER, COLORADO

# Key Initiative

## Learning & Development

- VP Learning and Development
  - Vernon Alt, Northrop Grumman
- 6 **Active** committees
  1. Training Resources
  2. Financial Resources
  3. Workplace and Professional Development
  4. Education Liaison and Outreach
  5. Joe D Simmons Scholarship (N. America)
  6. Anthony P Ulrich Scholarship (Canada)

# Learning & Development

## NCSLI

- Lists available training sessions
- Links to details of NMI-led training for NIST, NRC-INMS and CENAM
  - Additional NMI training may be linked by providing information to the VP Learning and Development
- Supports the ASQ-MQD Certified Calibration Technician (CCT) program
- Provides scholarships and achievement rewards



# Learning & Development

## NCSLI

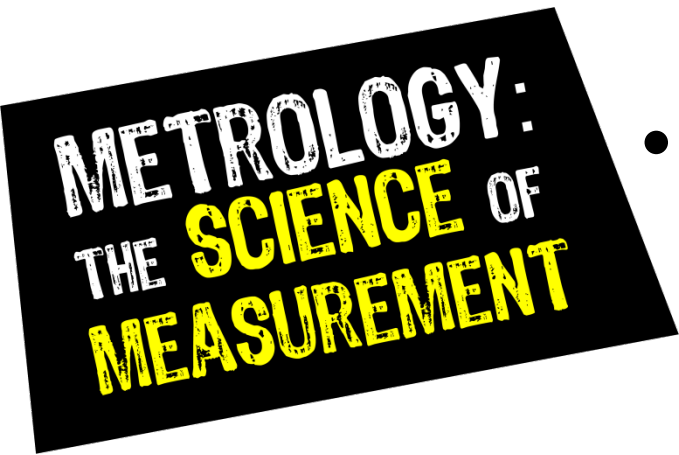
- Lists and supports (accredited) institutions offering college-level metrology courses
  - International course programs noted on the “metrologycareers.com” website – many from Europe
- Runs regional training events
- Provides significant financial support to enable many if not all these activities

# Learning & Development

- Developed an Education Development Fund Logo for use on all L & D marketing and educational materials



# Learning & Development



- Metrology Ambassador Outreach efforts in past 2 years reached more than:
  - 10,000 students
  - 4,000 teachers
- “Find a Cool Career” DVD and website:
- <http://www.metrologycareers.com>

# Learning & Development



**the Joe D. Simmons**  
METROLOGY SCHOLARSHIP

Founded in the memory of Joe Simmons to support the study of measurement science and metrology related quality topics.

**QUALIFIED STUDENTS ARE ENCOURAGED TO APPLY**  
**\$3000 SCHOLARSHIP**  
Completed applications are due March 1


For application forms or more information contact your advisor, student aid office, or the Scholarship itself at:  
[SimmonsScholarship@ncsl.org](mailto:SimmonsScholarship@ncsl.org)  
[www.ncsl.org](http://www.ncsl.org) (search Simmons)

Submit to:  
Simmons Scholarship  
2995 Wilderness Place, Suite 107  
Boulder, CO 80501

**NCST INTERNATIONAL**  
Serving the World of Measurement  
[www.ncsl.org](http://www.ncsl.org)

**Measurement Quality Division**  
ASQ

**PROMOTING ACADEMIC EXCELLENCE IN METROLOGY**



**the Anthony Ulrich**  
METROLOGY SCHOLARSHIP

Founded in the memory of Anthony Ulrich, P. Eng. to support the study of measurement science and metrology related quality topics.

**QUALIFIED STUDENTS ARE ENCOURAGED TO APPLY**  
**\$2000 SCHOLARSHIP**  
Completed applications are due March 31

For application forms or more information contact your advisor, student aid office, or the Scholarship itself at:  
[AnthonyUlrichScholarship@ncsl.org](mailto:AnthonyUlrichScholarship@ncsl.org)

Submit to:  
Anthony Ulrich Metrology Scholarship  
9912 Côte-de-Croix  
Montreal, QC H6T 1A1

**NCST INTERNATIONAL**  
Serving the World of Measurement  
[www.ncsl.org](http://www.ncsl.org)

**PROMOTING ACADEMIC EXCELLENCE IN METROLOGY**



# Key Initiative

## National & International Collaboration

- VP International Development:
  - Roxanne Robinson, A2LA
- Develop relationships with international organizations having similar objectives to NCSLI
- Identify and focus on strategic partnerships; define goals and objectives for partnerships
  - Initiate and support regional meetings in new areas

# Key Initiative Collaboration

- New MOU signed with COOMET
- Strategically Assigned New Region Deputies
  - Ingrid Ulrich: Canada Region Deputy
  - Lonnie Spires: Europe Region Deputy
    - (Harry Moody has retired)
  - Washington Samukange: Zimbabwe Region Deputy
  - Dr. Lucy Mambo: Kenya Region Deputy
- Assigned specific reps to important relationships (e.g. Eurolab, NLA)

# Key Initiative – Collaboration Working Relationships

- Continue to work on and update our formal relationships
- Presently we have formal Representatives to the Board from:
  - BIPM, EURAMET, COOMET, SIM
  - NIST, NRC-INMS, CENAM, NMIJ
- And, formal working relationships (MOUs) with
  - CPEM, MSC, EUROLAB, OIML
- We have a number of other organizations with whom we are in various stages of discussion:
  - APMP, AFRIMETS, IMEKO, NLA

# Memoranda of Understanding

- Meet annually to discuss mutual benefits and activities
- Non-voting position on each other's BOD
- Provide reports on each other's activities
- Attendance at and participation in each other's annual conference



# Key Initiative

## Operational Infrastructure

- **Reorganization of NCSLI Business Office**
  - Realignment of Personnel
  - New Job Descriptions & Expectations
  - Improved Alignment of Resources
- **Launched New Website**
  - More Interactive
  - Growing Pains

# Key Initiative

## Member Benefits: Products & Services

- **Membership Structure**
  - Ad Hoc Team formed to review and recommend
  - Hope to have final format approved at next BOD Meeting (August)
- **Region & Section Meetings**
  - Encourage all sections to host meeting in 2011
  - Provides local area support for members & non-members
- **50th Anniversary Road Shows**
  - Target struggling regions
  - Provide 4 to 6 Events in 2011

# Member Benefits: Products & Services

- **Committee Meetings**
  - Airline, Automotive, Chemical, Healthcare, Utilities Metrology, amongst others
  - Documentary Standards, Measurement Science, Marketing, Education committees
  - Most committees meet at least twice per year
    - More opportunities for international participation due to web-meetings and teleconference meetings
- Where the work of the organization gets done:
  - Publications
  - Interlaboratory Comparisons
  - Training materials

# Member Benefits: Products & Services

## Publications

- There are currently 16 RPs and 4 RISPs available from NCSLI
- There are 5 more RPs in late development or approval stages
  - Calibration Intervals;
  - Measurement Decision Risk Analysis;
  - SPC Methods;
  - Decision Support;
  - Uncertainty Analysis
- There are 2 more RPs which need a re-write
  - Laboratory Facilities
  - Laboratory Management



# Member Benefits: Products & Services

## Measure

Journal of Measurement Science



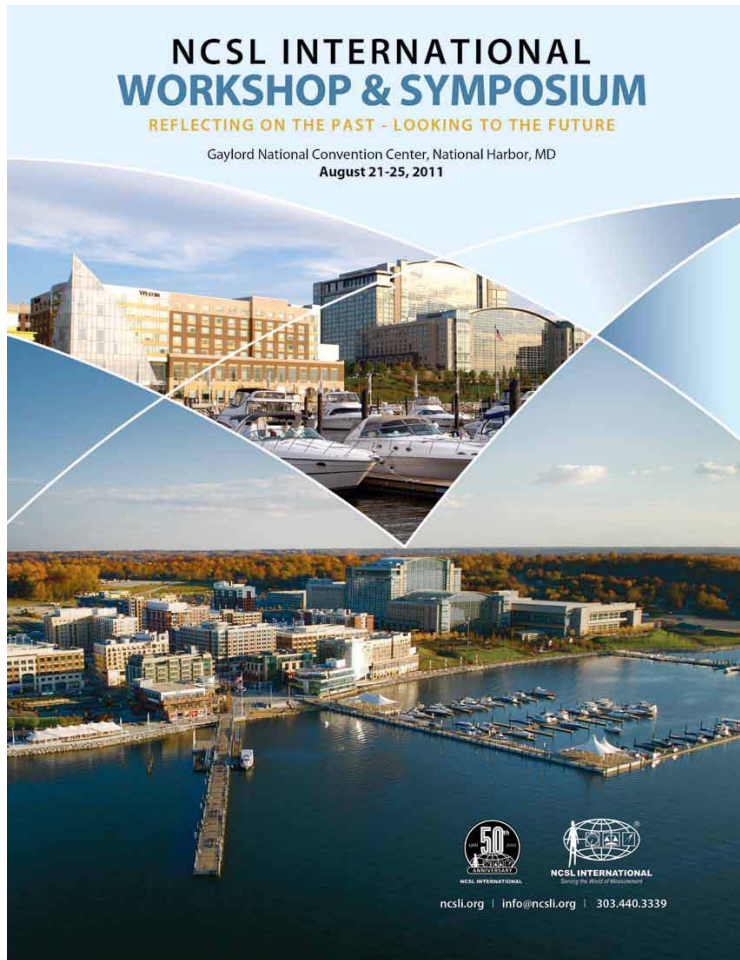
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NCSLI Worldwide News



# 2011 Workshop and Symposium

*NCSLI 50<sup>th</sup> Anniversary*, August 21 – 24, 2011



50 years:  
Reflecting on the  
past – Looking  
to the Future

**Special Key Note Speaker**  
Dr. Patrick Gallagher  
NIST Director

*Gaylord National Convention Center*

*Online Registration is open. Please visit  
[www.ncsli.org](http://www.ncsli.org) to register for the  
symposium.*

# ***NEW NCSLI Technical Exchange***

**Hands-on Tutorials and mini-Concurrent Sessions**



**Dates: Jan 26-27, 2012  
Location: Charleston, SC  
Venue: Embassy Suites  
Airport Hotel and  
Convention Center**

**In conjunction with January Board of Director's meeting.  
Stay tuned for further announcements and information.**

# Thank You EuraMet

for including NCSLI in your  
2011 General Assembly and Annual Meetings

[http://www.youtube.com/watch?  
v=cNAIKeFMYo8](http://www.youtube.com/watch?v=cNAIKeFMYo8)