

National Commission on Forensic Science  
Washington, DC  
May 13, 2014

# OSAC Update

**Mark D. Stolorow**

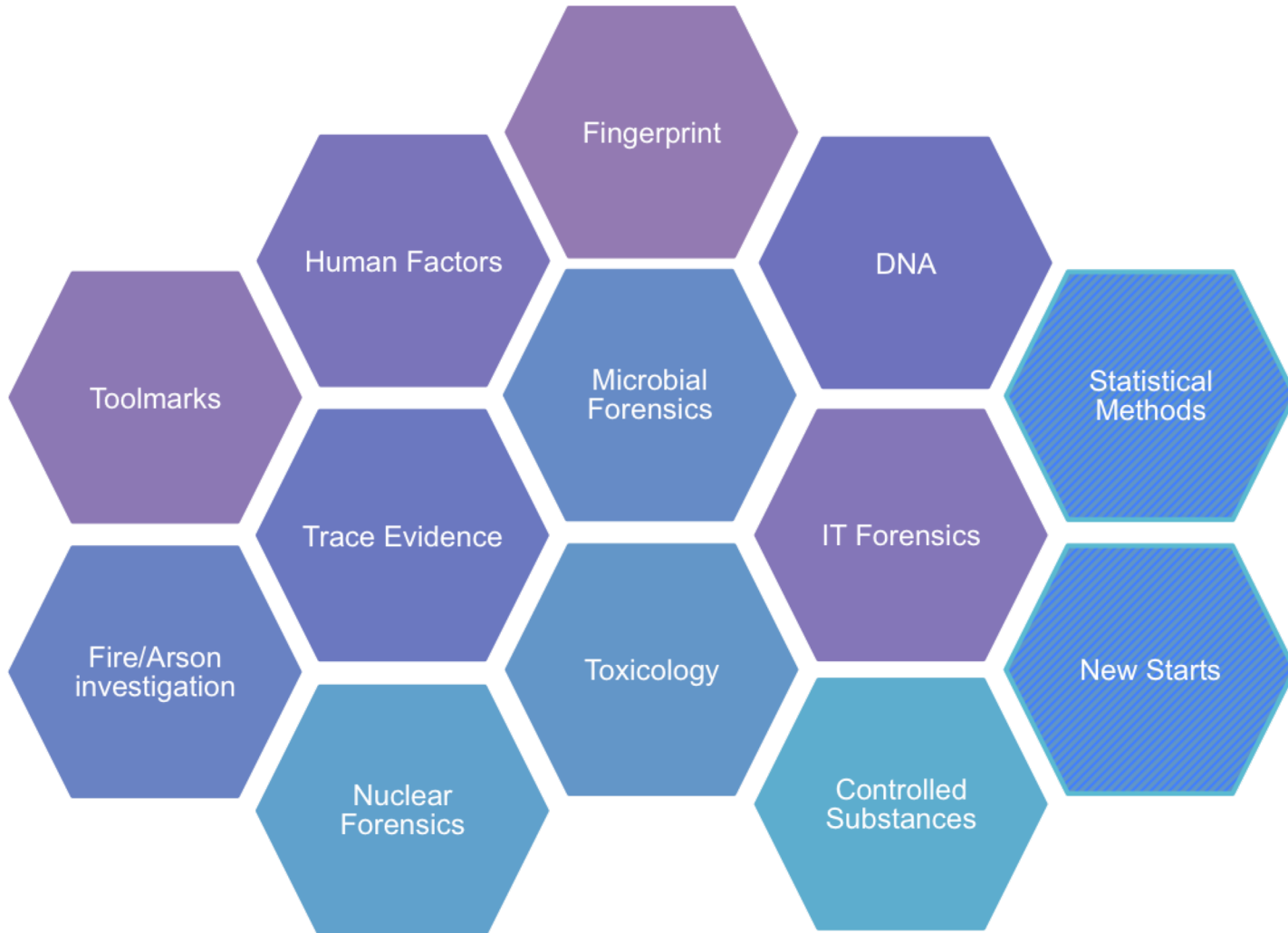
Director for OSAC Affairs

Office of Special Programs

National Institute of Standards and Technology



# Current and Proposed NIST Forensic Science Research Areas



# OSAC Update

- **Outreach** - Conducted open OSAC forums and provided presentations with a dozen stakeholder organizations since last NCFS meeting
- **Infrastructure** - Modified OSAC infrastructure based on stakeholder feedback – (next slide)
- **Membership** - Opened online membership application process, April 11 – May 11, 2014
- **Response** - Received more than 1,300 membership applications

# Understanding the OSAC Levels

## Forensic Science Standards Board (FSSB)

- Set policy, rules, priorities for OSAC
- Manage OSAC Registry of Standards

## Legal Resource, Quality Infrastructure, Human Factors Committees

- Provide advice across all forensic science and discipline committees

## Scientific Area Committees

- Manage work within a scientific area (harmonize/leverage across related disciplines)
- Develop scientific area standards, (e.g., terminology, reporting requirements, conclusion statements)

## Discipline specific Subcommittees (Working Groups)

- Identify and develop standards & best practices for discipline

# Organization of Scientific Area Committees (OSAC)

## Forensic Science Standards Board (FSSB)

Legal Resource  
Committee (LRC)

EXPANDED  
Quality Infrastructure  
Committee (QIC)

NEW  
Human Factors  
Committee (HFC)

SAC  
Biology/DNA

SAC  
Chemistry/  
Instrumental Analysis

SAC  
Crime Scene/  
Death Investigation

SAC  
IT/Multimedia

SAC  
Physics/Pattern

DNA Analysis Sub1

DNA Analysis Sub2

Wildlife Forensics Sub

Controlled Substances Sub

Fire Debris and Explosives Sub  
(lab)

Geological Materials Sub

Gunshot Residue Sub

Materials (Trace) Sub

Toxicology Sub

Anthropology Sub

Disaster Victim Identification  
Sub

Dogs and Sensors Sub

Fire Scene and Explosives  
Sub

Medical/Legal Death  
Investigation Sub

NEW  
Odontology Sub

Facial Identification Sub

Imaging Technologies Sub

Speaker Recognition Sub

MOVED  
Blood Stain Pattern  
Analysis Sub

Friction Ridge Sub

Firearms & Toolmarks  
Sub

Footwear  
& Tire Tread Sub

Questioned Documents  
Sub

SAC = Scientific Area Committee  
Sub = Subcommittee

March 18, 2014

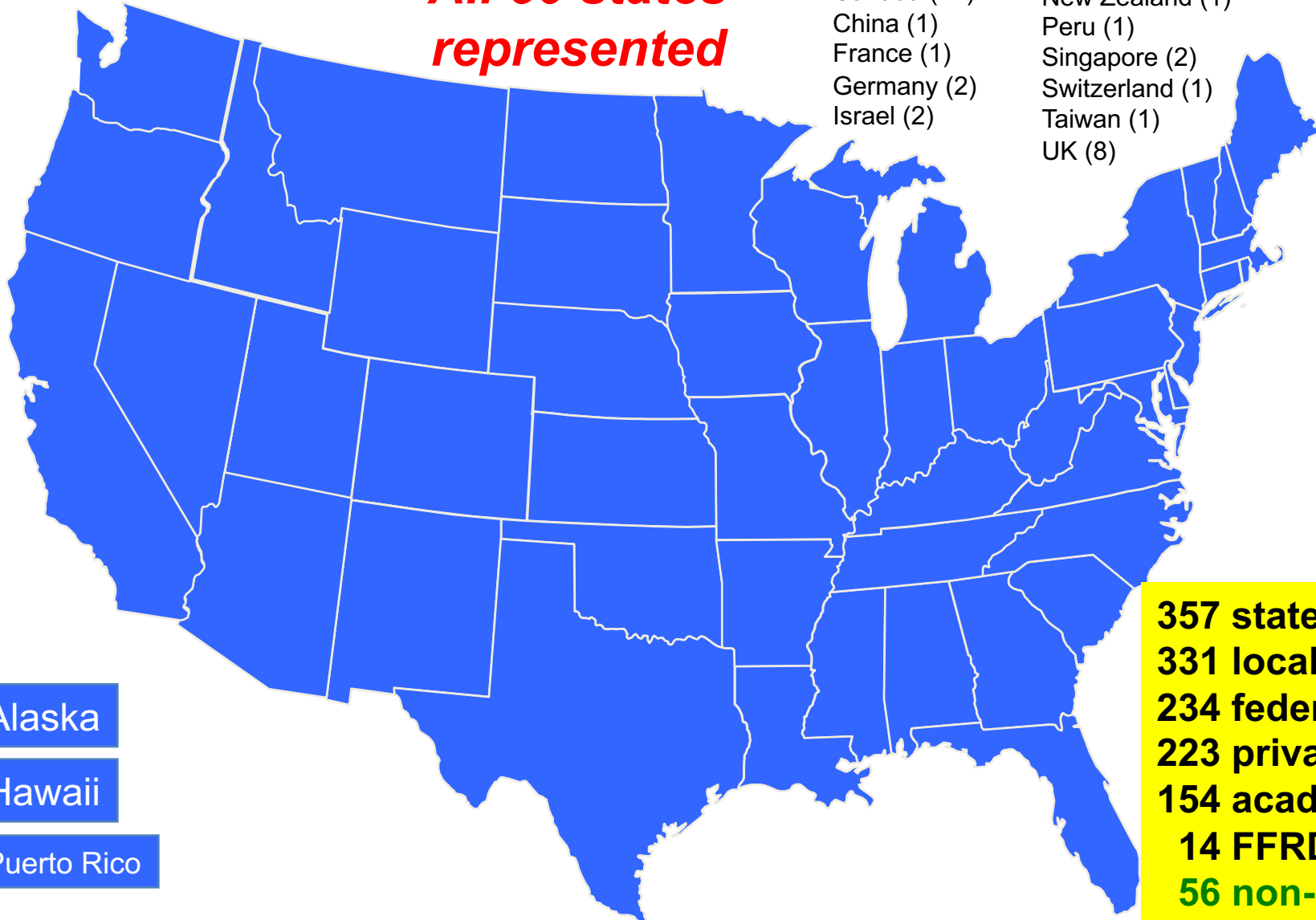
# OSAC Applicants

as of 12 May 2014

**All 50 states  
represented**

## Other countries (21 total; 56 individuals)

- |                |                     |
|----------------|---------------------|
| Australia (10) | Italy (1)           |
| Bangladesh (1) | Korea (1)           |
| Belarus (1)    | Malaysia (1)        |
| Bosnia (1)     | Nepal (1)           |
| Brazil (1)     | The Netherlands (1) |
| Canada (17)    | New Zealand (1)     |
| China (1)      | Peru (1)            |
| France (1)     | Singapore (2)       |
| Germany (2)    | Switzerland (1)     |
| Israel (2)     | Taiwan (1)          |
|                | UK (8)              |



Alaska

Hawaii

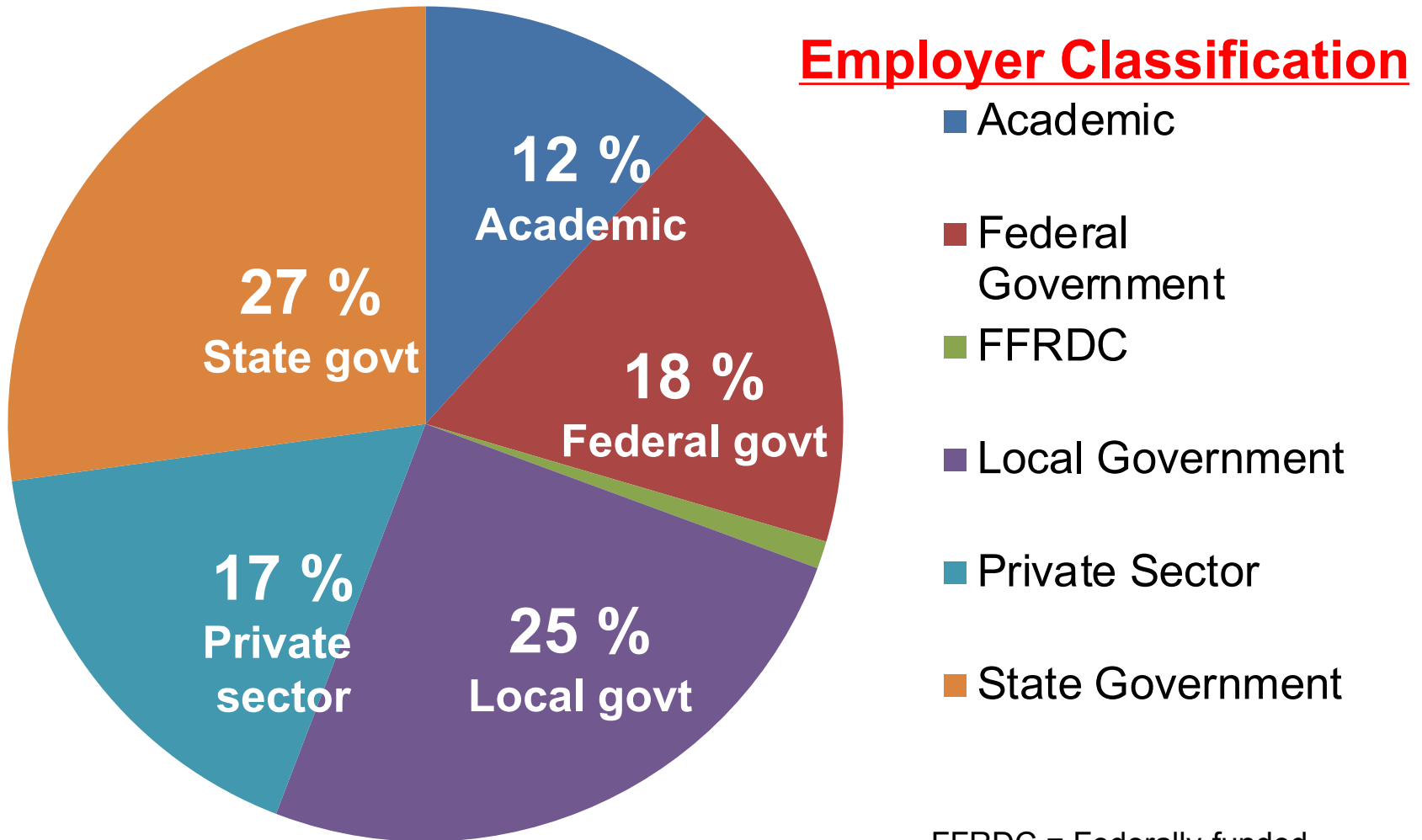
Puerto Rico

**357 state govt**  
**331 local govt**  
**234 federal govt**  
**223 private**  
**154 academic**  
**14 FFRDC**  
**56 non-U.S.**

# Background of OSAC Applicants

(as of 12 May 2014)

**1313 total**

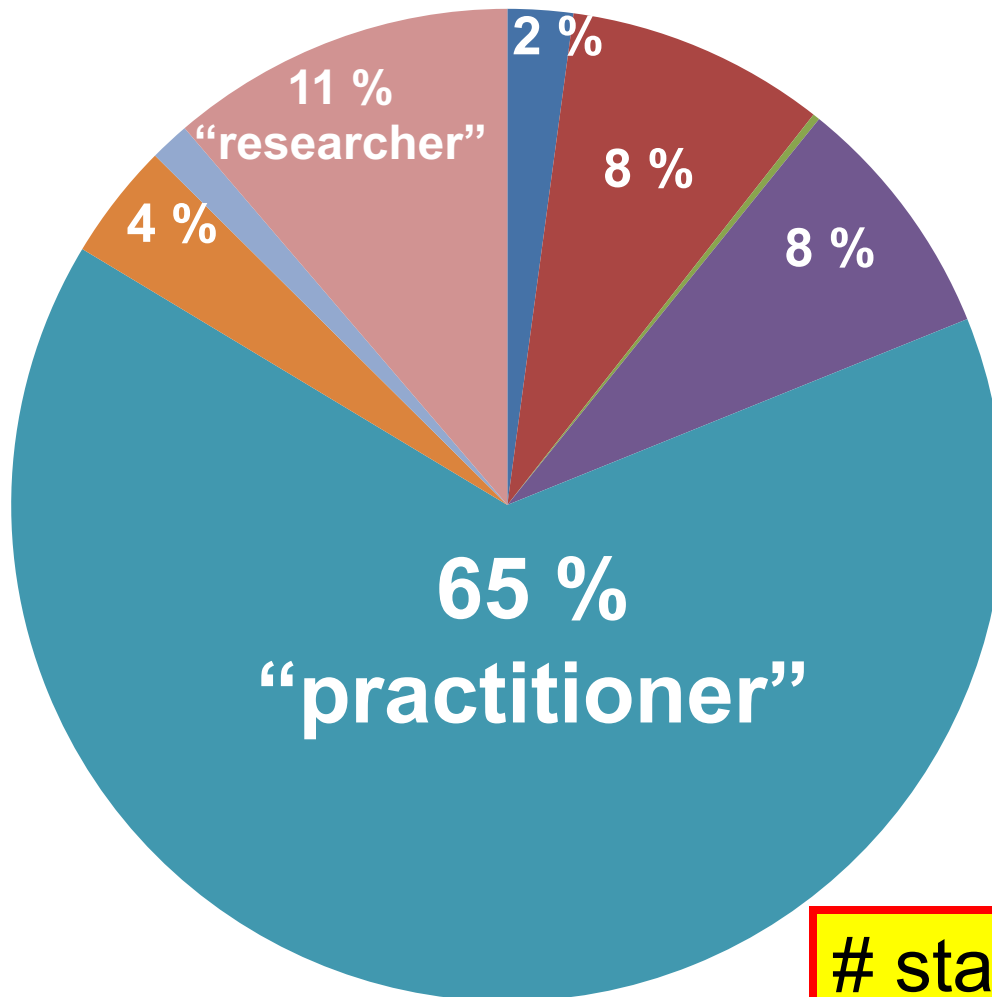


FFRDC = Federally-funded research and development center

# Background of OSAC Applicants

(as of 12 May 2014)

**1313 total**



## Job Classification

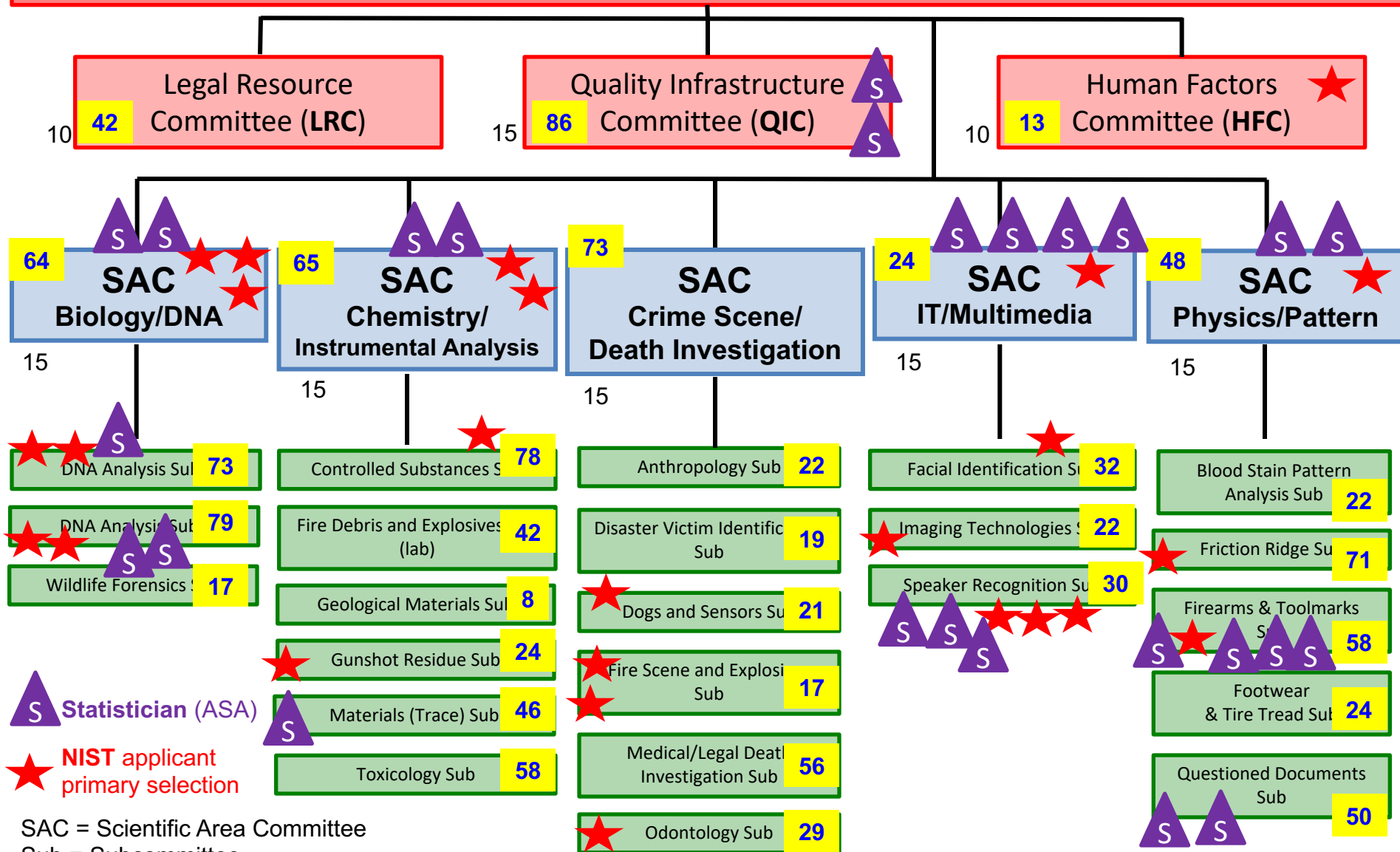
- Attorney
- Educator/Trainer
- Judge
- Other
- Practitioner
- Quality Assurance Manager
- R&D Technology Partner
- Researcher

**# statisticians (ASA) = 25**



# Organization of Scientific Area Committees (OSAC)

## Forensic Science Standards Board (FSSB)



**1,313 Applicants** and their primary selections as of May 12, 2014

# Next Steps - Timeline for 2014

- Appoint FSSB in **May**
- Appoint LRC, QIC, HFC membership and SAC leadership in **June**
- First SAC meetings to select Subcommittee leadership in **August**
- Conduct OSAC training virtually via webinar in **Sept/Oct**
- Hold in-person meeting between **mid-November and January**





[www.nist.gov/forensics/osac.cfm](http://www.nist.gov/forensics/osac.cfm)