

ESSIC Academic Faculty

Jointly appointed ESSIC/AOSC



Zhanqing Li, Professor
Aerosol/Cloud Physics/ Radiation



Xin-Zhong Liang, Professor
Regional Climate Modeling, CWRF



Fernando Miralles-Wilhelm
Professor, ecohydrology and
water resources



Raghu Murtugudde,
Professor Earth System
Science, Sustainability



Kayo Ide, Associate
Professor,
Dynamics of
atmosphere and ocean



Sumant Nigam, Professor
Climate Diagnostics
Hydroclimate Variability



Ross Salawitch, Professor
Atmospheric Composition, Carbon Cycle
Stratospheric Ozone

Jointly appointed ESSIC/GEOLOGY



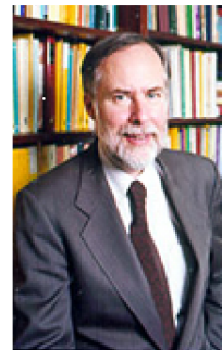
Michael Evans,
Associate Professor
Paleoclimate, global
climate change
Hydrometeorological
variations



James Farquhar,
Professor
Sulfur cycle, Archean
atmosphere,
Atmosphere-surface
interactions /evolution



Sujay Kaushal,
Associate Professor
Water Quality,
Biogeochemistry



Steve Halperin,
Professor and CIRUN
Director
(faculty appointment
in CMNS-Dept. of
Mathematics)

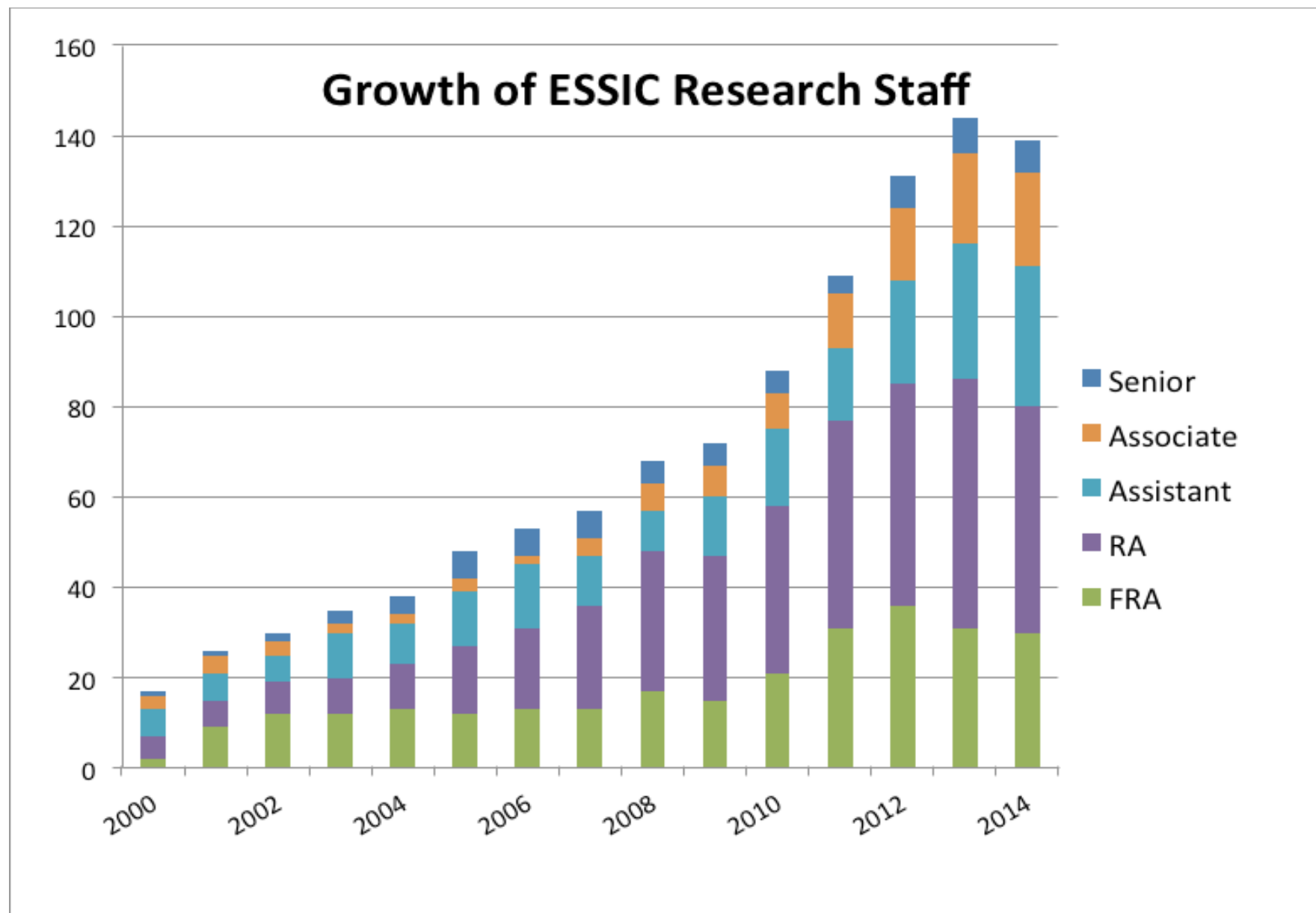


Figure 3-3: ESSIC growth: number and rank of research faculty; 2000-2014
(FRA=Faculty Research Assistant; RA=Research Associate)

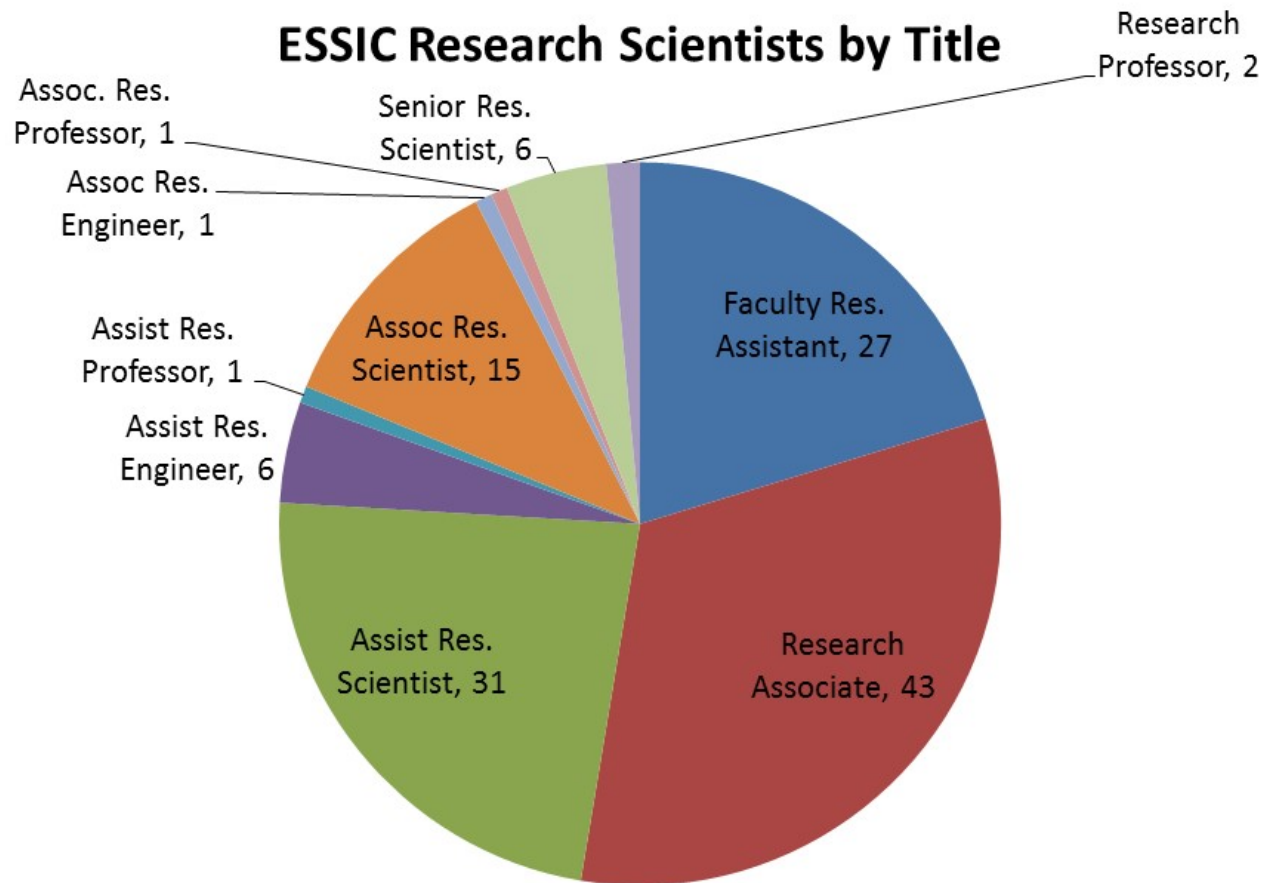


Figure 3-2: ESSIC research faculty and distribution among title/appointments.

Recent Senior Research Scientist hires



Dr. William Lau
Director, Atmospheres
NASA/GSFC



Dr. Xiaolei Zou
Professor
Florida State U.



Dr. Jay Zwally
ICESat Project Scientist
NASA/GSFC



Dr. Thomas Auligne
Project Scientist
NCAR/ESL



Dr. Mark Imhoff
Deputy Director
DOE/PNNL/JGCRI



Dr. Stephen Lord
NWS Senior Scientist
Weather and Climate

ESSIC Affinity Groups

- Aerosol/Cloud Physics/Radiation
- Hydrometeorology/Precipitation Retrieval
- Climate Variability/Policy
- Hydrology/Land Surface Processes
- Oceanography/Sea Surface Temperature
- Satellite Calibration/Validation
- Numerical Modeling/Data Assimilation
- Cryosphere
- Weather/Research-to-Operations
- Atmospheric Chemistry/Carbon

ESSIC at the 2014 AGU Fall Meeting

- 85 ESSIC Oral Presentations (44 invited)
- 133 ESSIC posters
- ESSIC leaders: 9 Primary Conveners, 7 Co-Conveners, and 15 Session Chairs

ESSIC at 2014 AMS Annual Meeting

- 64 ESSIC Oral Presentations (1 invited)
- 32 ESSIC posters