



Administrators Workshop - June 22, 2006



Cooperative Institute for Climate Studies (CICS)

"Then and Now"

Presented by

**Rosalie Jones
Research Coordinator**



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CICS History and Background

- **Established in 1983 through a MOU among the Department of Meteorology, Climate Analysis Center (NWS) and the Office of Research and Applications (NESDIS)**
 - **Professor Ferd Baer was our first Director (1983 – 1989); he was succeeded by Bob Ellingson (1990 – 2001) and Tony Busalacchi (2001 – present)**
 - **Original emphasis was on climate diagnostic studies, but with a shift toward satellite-oriented research beginning around 1990**
 - **Increased amount and diversity of research beginning about 2000, much from collaboration with ORA, but also with NCEP and OGP**
 - **For more than two decades CICS has fostered collaborative research between NOAA and the University that has covered a wide range of problems in radiation budget studies, climate diagnostics and atmospheric chemistry.**
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The Purpose of CICS

- **Foster collaborative research between NOAA and the University of Maryland in studies of satellite climatology, climate diagnostics, modeling and prediction.**
 - **Serve as a center at which scientists and engineers working on problems of mutual interest may focus on studies contributing to the understanding of the earth-ocean-atmosphere climate system, climate modeling, climate prediction and satellite climatology.**
 - **Stimulate the training of scientists and engineers in appropriate disciplines**
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How CICS is Structured

- **CICS is administered by the Earth System Science Interdisciplinary Center (ESSIC), a research center within the Computer, Mathematical, and Physical Sciences (CMPS) Department**
 - **CICS has a Director, Tony Busalacchi, and Deputy Director, Phil Arkin, faculty members who spend 1-2 months/year on CICS administration**
 - **CICS also has a Research Coordinator (me), and relies on the secretarial staff of ESSIC for support**
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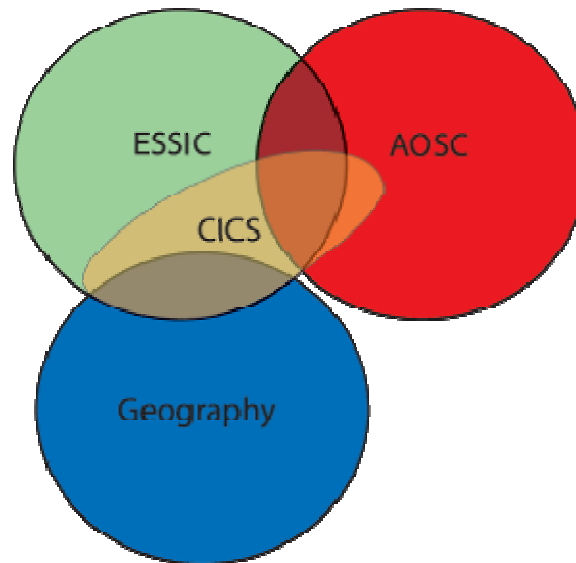


Interactions with Other Offices within UMCP

- **CICS interactions with the other elements of the University are through ESSIC**
 - **CICS participates in Outreach Programs on the Campus, such as Maryland Day, by providing posters displaying our research activities for the general public and through other exhibits**
 - **CICS has a Website that is linked to the ESSIC's website to facilitate interactions with all groups on campus {<http://essic.umd.edu/cics/>}**
 - **CICS interacts closely with faculty of the Departments of Atmospheric and Oceanic Science (AOS) and Geography**
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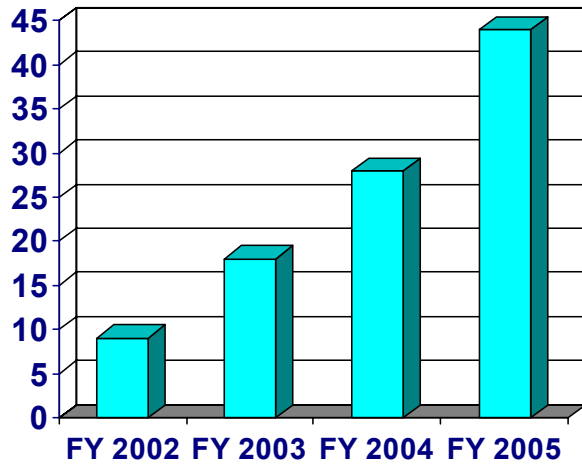
Relationship among ESSIC, AOSC, Geography and CICS



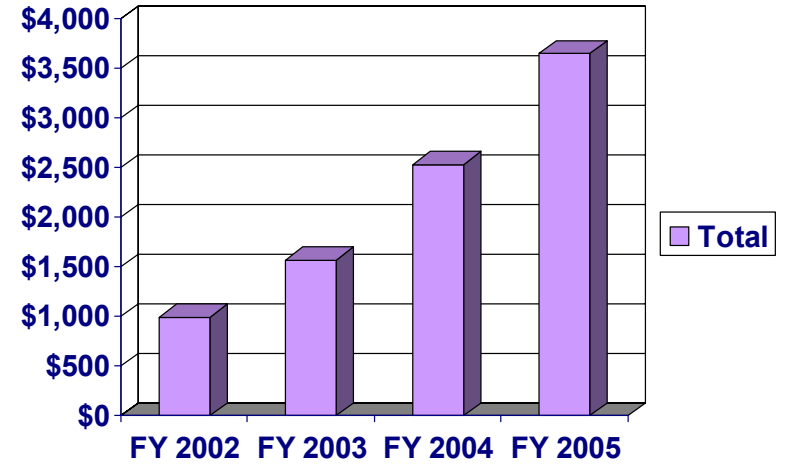
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Growth over the Past 4 Years



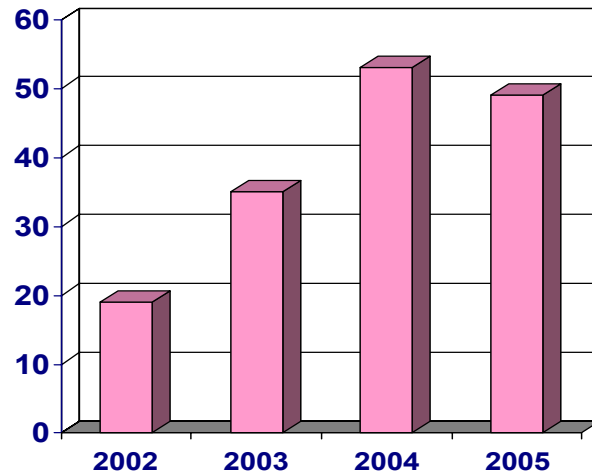
Total



Total

CICS PUBLICATIONS

CICS TASKS (FY 2206 - 50+)



Total

CICS FUNDING (in \$1000) (FY 2006 - \$4.5M+)



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Administrative Review (December 2005) Positive Findings

- General satisfaction with our performance
 - Communication between CICS and ESSIC is exceedingly strong, since the Director and Deputy Director hold identical positions in both organizations, and the business and administrative staff are identical.
 - Since there is a very close relationship among the NESDIS program staff and the CICS management and support staff, communication is generally open and direct.
 - Staff members are well trained and highly motivated.
 - CICS may want to review its administrative requirements, available resources and consider requesting additional support from NOAA and the University. The level of support is a concern to the reviewers and the growth of CICS is likely to be greater than anticipated after the NOAA NESDIS, ORA/STAR is co-located on the UMD campus.
 - CICS operations is efficiently run and highly effective. There were suggestions of burn-out by some staff due to the intense nature of the research coupled with the many demands of administration.
 - The partnership between NOAA and UMD as manifested in CICS is a highly successful operation of which the CICS staff should be proud. Both parties need to review the current state of affairs, however, with an eye toward future growth and progress to develop new and improved ways to sustain and accelerate CICS position in satellite research.
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Administrative Review (December 2005) Issues

- Spreadsheet summarizing funds and expenses for each project is somewhat confusing and difficult for CICS scientists to utilize. In terms of utility and functionality for the researcher, there seemed to be a lot of extraneous information and the form did not appear well organized.
 - ❖ Developed a more useful spreadsheet – example on following page
 - CICS staff need to better familiarize themselves with Grants.gov as more and more agencies are moving to this central interface for announcing and applying for funding opportunities.
 - ❖ Training Completed; All FY 2006 proposals were done through Grants.gov
 - Review the MOU and revisit balancing the NWS presence with NESDIS and other NOAA Line Offices as applicable on the CICS Council and future Administrative Reviews of CICS. If NWS is too heavily represented, funding for other opportunities, particularly from NESDIS or OAR might be overlooked.
 - ❖ Deferred pending move to Research Park and co-location with NOAA
 - Review on-site facilities for clear labeling and distinction between NOAA and CICS staff. Employee's name and affiliation posted on each cubicle is our recommendation.
 - ❖ Still working on this
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CICS Review Preparation (guidance for OSU)

What We Would Not Change

- Document Format
- Information Included
- "Bugging" Researchers for information

What We Would Change

- Start sooner
 - UMD representative from the contracts and grants office should have been present most of the time
 - Had an organizational chart
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Feedback from Panel Members

- Well presented and "chock-full-of-info" document
 - Enjoyed breakfasts, luncheons, cookies, coffee, etc.
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