



# Knowledge Transfer in CMMAP

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## Introduction

The CMMAP Knowledge Transfer Group is involved in projects that promote two-way knowledge transfer between CMMAP and its partner Climate Modeling and NWP Centers. KT also initiates activities that provide information on the current state of GCM development to the general public. The Center's KT Goals are:

- Enable improved climate models.
- Enable improved weather forecasts.
- Capture and record the history of global modeling.
- Create an appropriate venue for the publication of scientific papers on global environmental modeling.
- Create an appropriate venue for the publication of review articles directed toward policy planners and the scientifically informed public.
- Create an appropriate venue for the dissemination of CMMAP results to both the scientific community and the general public.

In support of Goals A & B, a **Student Section** on the CMMAP website provides students with information to assist in their interactions with partnering Climate and NWP Centers. The **CMMAP Book Publishing Project** and new **Online Journal** support KT goals C and D, and E, respectively. A **Short Papers** Section supports Goal F by providing research notes and visualizations to the public.

## Student Section

- Involving CMMAP students in Climate Modeling and NWP Center activities is a means to transfer CMMAP research developments to the broader climate modeling community and to operational NWP. The **Student Section** provides information about opportunities at CMMAP partner centers.  
➔ <http://kiwi.atmos.colostate.edu/cmmap/kt/students-kt.html>
  - Internships, Scholarships, and General Information
    - ✓ SOARS, Workshops, etc.
  - Opportunities by Student Level
    - ✓ Find resources at the Undergrad, Graduate, or Post-Doc Levels.
  - Current Activities
    - ✓ Focus on activities involving CMMAP students at partnering Climate and NWP Centers
  - CMMAP Academic Research Groups
    - ✓ List of university based research groups affiliated with CMMAP, links to group websites, and names of CMMAP students.
  - Link to the KT Partners Page
    - ✓ Provides information about opportunities at government centers, Climate and NWP Centers, and industry partners
- ! Use the sign up sheet below to post student opportunities at your organization.

## Short Papers

- Short papers and visualizations  
➔ <http://kiwi.atmos.colostate.edu/cmmap/kt/shortpapers-kt.html>
  - Research summaries aligned with CMMAP research themes
  - Target audience is the informed public, policy makers, and science educators
- ! Use the sign up sheet below to volunteer to write short papers.

## Book Project

- Title - Complexity, Synthesis, and Computation: The Development of Atmospheric General Circulation Models
- Authors recruited for all 10 chapters
- Author Section on CMMAP website provides author contact information, access to NCAR interview archives, and chapter summaries
- Scheduled for submission to publisher at the end of 2008

## Online Journal

- Demonstration Journal available online  
➔ JAMES demo <http://kiwi.atmos.colostate.edu/ojs/index.php/JAMES>
  - Four sections: review articles, research articles, short topics, and general interest articles
- ! Use the sign up sheet below to indicate interest in submitting to JAMES. Register on the Journal site to receive notices about the upcoming launch and call for papers.

