The Curricula database helps you find the perfect school for your academic goals in the atmospheric, oceanic, hydrologic, and related sciences.

School keyword search:

Searches for terms that describe a school's unique programs or capabilities.

- Index of Universities & Colleges, Alphabetical
- Index of Universities & Colleges by Degree Offered
- Index of Universities & Colleges by State
- Index of UCAR Member Members & Affiliates, Alphabetical
- Index of University & College Faculty, Alphabetical

Appendices:
- UCAR Profile
- AMS Fellowship & Scholarship Program
- AMS Educational Initiatives
- Statistical Summary

Best viewed in IE or Netscape 6+ in 800x600 or higher resolution.

Appendices:
- Help/Comments
- School Login
- How to list your school

UCAR/AMS Curricula Indices - Microsoft Internet Explorer
CURRICULA
in the atmospheric, oceanic, hydrologic, and related sciences

Index of Universities & Colleges, Alphabetical

Air Force Academy

View School
COLORADO STATE UNIVERSITY
AMS and UCAR Member

General Information:
http://www.atmos.colostate.edu
Department of Atmospheric Science
Fort Collins, CO 80523-1371
USA

Atmospheric Science:
Department Head: Jeffrey L. Collett, Jr. (acting)
Department Head’s Email: collett@lamar.colostate.edu
Department of Atmospheric Science
Colorado State University
Fort Collins, CO 80523-1371
http://www.atmos.colostate.edu
Phone: 970-491-8360
Fax: 970-491-8449
jen@atmos.colostate.edu

Degrees Offered:
Master of Science
PH.D.

Other Degrees Offered:
UNIVERSITY OF COLORADO BOULDER

Faculty:

Program in Atmospheric and Oceanic Sciences

Department of Atmospheric and Oceanic Sciences

Alexander, Joan, Ph.D. (University of Colorado at Boulder)
Half-Time Lecturer
alexand@co-ra.com

Avalone, Linnea, Ph.D. (Harvard University)
Associate Professor
Stratospheric and tropospheric halogen chemistry; field studies of tropospheric chemistry and transport..
avalone@lasp.colorado.edu

Cassano, John, Ph.D. (University of Wyoming)
Assistant Professor
Meteorology and climate of the polar regions, regional climate modeling, numerical weather prediction, mesoscale and boundary layer processes.
cassano@cires.colorado.edu

Han, Weiqing, Ph.D. (Nova Southeastern University)
Assistant Professor
Dynamics of the tropical ocean circulation, coupled ocean-atmospheric dynamics, process studies, numerical modeling, air-sea interaction..
whan@enso.colorado.edu
COLORADO STATE UNIVERSITY COURSES

Undergraduate Courses:

Atmospheric Science
AT 350 Introduction to Weather and Climate
AT 351 Introduction to Weather and Climate Laboratory
AT 495 Independent Study (General Atmospheric Science)

Graduate Courses:

Atmospheric Science
AT 540 Daily Weather Laboratory I
AT 541 Daily Weather Laboratory II Prerequisite: AT 540
AT 555 Air Pollution Prerequisite: C 113, M 261 or M 340, PH 122 or PH 142
AT 560 Air Pollution Measurement Prerequisite: C 114
AT 601 Atmospheric Dynamics I Prerequisite: M 261, M 531
AT 602 Atmospheric Dynamics II Prerequisite: AT 601
AT 604 Atmospheric Modeling Prerequisite: AT 602
AT 605 Atmospheric Circulation Prerequisite: AT 602
AT 606 Climatology Prerequisite: M 531
AT 610 Introduction to Physical Oceanography
AT 620 Thermodynamics and Cloud Physics Prerequisite: M 340,
CURRICULA

in the atmospheric, oceanic, hydrologic, and related sciences

indices: alphabetical | degree | state | ucar members & affiliates | faculty | search

UNIVERSITY OF COLORADO BOULDER DEGREES GRANTED

Master's Degrees Completed: (Fall 2003 - Summer 2005)
Cynthia Singleton, May, 2004 ().
Thomas Kampe, May, 2004 ().
Kettyah Chhak, May, 2004 ().
Gregory Boer, December, 2003 ().

Doctoral Degrees Completed: (Fall 2003 - Summer 2005)
Yannick Meillier, "Periodic modulation of fine-scale turbulence by gravity waves above the Nocturnal Boundary Layer: Experimental validation using unique in situ measurements" May, 2005 (Curry).
Thomas Hopson, "Operational Flood-Forecasting for Bangladesh" May, 2005 (Webster).
Daria Halkides, "The effects of the seasonal cycle on the development and termination of the Indian Ocean Zonal Mode" May, 2005 (Han).
## CURRICULA

in the atmospheric, oceanic, hydrologic, and related sciences

<table>
<thead>
<tr>
<th>Indices</th>
<th>alphabetical</th>
<th>degree</th>
<th>state</th>
<th>UCAR members &amp; affiliates</th>
</tr>
</thead>
<tbody>
<tr>
<td>faculty</td>
<td>search</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### COLORADO STATE UNIVERSITY Ethnicity and Gender Profiles

**Current Majors**
As of Fall 2005

<table>
<thead>
<tr>
<th>Degree</th>
<th>C</th>
<th>m/f</th>
<th>AA</th>
<th>m/f</th>
<th>NA</th>
<th>m/f</th>
<th>H</th>
<th>m/f</th>
<th>AP</th>
<th>m/f</th>
<th>Other</th>
<th>m/f</th>
<th>Total</th>
<th>m/f</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS&amp;BA</td>
<td>0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td></td>
</tr>
<tr>
<td>MS &amp; MA</td>
<td>22</td>
<td>22/</td>
<td>0/2</td>
<td>0/0</td>
<td>0/1</td>
<td>1/0</td>
<td>1/0</td>
<td>24</td>
<td>25/</td>
<td>24/25</td>
<td>1/0</td>
<td>1/0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ph.D.</td>
<td>33</td>
<td>9/</td>
<td>0/0</td>
<td>0/0</td>
<td>1/0</td>
<td>1/0</td>
<td>1/0</td>
<td>36</td>
<td>12/</td>
<td>36/12</td>
<td>1/0</td>
<td>1/0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Fall 2004 to Summer 2005

<table>
<thead>
<tr>
<th>Degree</th>
<th>C</th>
<th>m/f</th>
<th>AA</th>
<th>m/f</th>
<th>NA</th>
<th>m/f</th>
<th>H</th>
<th>m/f</th>
<th>AP</th>
<th>m/f</th>
<th>Other</th>
<th>m/f</th>
<th>Total</th>
<th>m/f</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS&amp;BA</td>
<td>0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td></td>
</tr>
<tr>
<td>MS &amp; MA</td>
<td>24</td>
<td>17/</td>
<td>0/1</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td></td>
</tr>
<tr>
<td>Ph.D.</td>
<td>30</td>
<td>10/</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td></td>
</tr>
</tbody>
</table>

### Fall 2003 to Summer 2004

<table>
<thead>
<tr>
<th>Degree</th>
<th>C</th>
<th>m/f</th>
<th>AA</th>
<th>m/f</th>
<th>NA</th>
<th>m/f</th>
<th>H</th>
<th>m/f</th>
<th>AP</th>
<th>m/f</th>
<th>Other</th>
<th>m/f</th>
<th>Total</th>
<th>m/f</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS&amp;BA</td>
<td>0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td>0/0</td>
<td></td>
</tr>
</tbody>
</table>
## UNIVERSITY OF COLORADO BOULDER

### Graduation Projections:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor's</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Master's</td>
<td>12</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Doctoral</td>
<td>1</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>
### UNIVERSITY OF COLORADO BOULDER

<table>
<thead>
<tr>
<th>Career Choices of Students Graduated</th>
<th>Fall 2003 to Summer 2005</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B.S./B.A.</strong></td>
<td><strong>M.S./M.A.</strong></td>
</tr>
<tr>
<td>Civilian Government</td>
<td>0</td>
</tr>
<tr>
<td>Military Service</td>
<td>0</td>
</tr>
<tr>
<td>Private Sector</td>
<td>0</td>
</tr>
<tr>
<td>Further University Education</td>
<td>0</td>
</tr>
<tr>
<td>University employment</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
</tr>
<tr>
<td>Unknown</td>
<td>0</td>
</tr>
</tbody>
</table>
COLORADO STATE UNIVERSITY

Types of Financial Support Available:

AMS, COMET, CEAS, GRA, NSF, NASA, BALL, SOARS, and EPA Star Graduate Fellowship

Graduate Assistant Stipends: (Half-Time 3 semesters a year)

| M.S. Student | Teaching Assistant | 900.00 |
| Ph.D. Student | 973.75 | 1800.00 |
| Ph.D. Candidate | 1000.00 | 1887.50 |
| Research Assistant | | 2000.00 |

American Meteorological Society
University Corporation for Atmospheric Research
## COLORADO STATE UNIVERSITY

### Research Grants and Contracts:
(Includes active grants and contracts that have expiration dates of 2005 or later.)

<table>
<thead>
<tr>
<th>Title</th>
<th>PI</th>
<th>Sponsor</th>
<th>Period</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-line Determination of Organic Compounds in Atmospheric Aerosols by Direct Impaction Capillary Electrophoresis</td>
<td>Jeffrey L. Collett Jr.</td>
<td>Aerosol Dynamics Inc.</td>
<td>7/22/02 - 4/21/03</td>
<td>$32,558.00</td>
</tr>
<tr>
<td>Near Real-Time, Microchip Assay of Aerosol Chemical Composition</td>
<td>Jeffrey L. Collett Jr.</td>
<td>Aerosol Dynamics Inc.</td>
<td>1/16/04 - 7/16/04</td>
<td>$23,300.00</td>
</tr>
<tr>
<td>Microchip Capillary Electrophoresis for On-Line Monitoring or Inorganic Aerosols</td>
<td>Jeffrey L. Collett Jr.</td>
<td>Aerosol Dynamics Inc.</td>
<td>3/1/04 - 8/31/04</td>
<td>$23,300.00</td>
</tr>
<tr>
<td>AMS Graduate Fellowship for Amy Hawes</td>
<td>David Thompson</td>
<td>American Meteorological Society</td>
<td>9/1/03 - 5/31/04</td>
<td>$22,000.00</td>
</tr>
<tr>
<td>AMS Graduate Fellowship for Paul Quelet</td>
<td>Richard H. Johnson</td>
<td>American Meteorological Society</td>
<td>9/1/03 - 5/31/04</td>
<td>$22,000.00</td>
</tr>
<tr>
<td>AMS Graduate Fellowship for Peter Rogers</td>
<td>Richard H. Johnson</td>
<td>American Meteorological Society</td>
<td>9/1/03 - 5/31/04</td>
<td>$22,000.00</td>
</tr>
</tbody>
</table>
CURRICULA

in the atmospheric, oceanic, hydrologic, and related sciences

UNIVERSITY OF COLORADO BOULDER

Special Academic and Research Notes:

- General Info.
- Faculty
- Courses
- Degrees Granted
- Ethnicity/Gender Profiles
- Graduation Projections
- Career Choices
- Financial Aid
- Research Grants/Contracts
- Notes

appendices : help/comments : school login : how to list your school
© 2003 AMS AND UCAR. ALL RIGHTS RESERVED.
## Index of University & College Faculty, Alphabetical

<table>
<thead>
<tr>
<th>Alphabet</th>
<th>Faculty Name</th>
<th>Role</th>
<th>Institution</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Aagaard, Knut N.</td>
<td>Professor</td>
<td>University of Washington (Oceanography)</td>
<td><a href="mailto:aagaard@apl.washington.edu">aagaard@apl.washington.edu</a></td>
</tr>
<tr>
<td>A</td>
<td>Ackerman, Thomas P.</td>
<td>Professor</td>
<td>University of Washington (Atmospheric Sciences)</td>
<td><a href="mailto:ackerman@atmos.washington.edu">ackerman@atmos.washington.edu</a></td>
</tr>
<tr>
<td>A</td>
<td>Ackerman, Steve A.</td>
<td>Professor</td>
<td>University of Wisconsin-Madison</td>
<td><a href="mailto:steavea@ssec.wisc.edu">steavea@ssec.wisc.edu</a></td>
</tr>
<tr>
<td>A</td>
<td>Agee, Ernest M.</td>
<td>Professor</td>
<td>Purdue University</td>
<td><a href="mailto:eagee@purdue.edu">eagee@purdue.edu</a></td>
</tr>
<tr>
<td>A</td>
<td>Ahlquist, Jon</td>
<td>Associate Professor</td>
<td>Florida State University (Meteorology)</td>
<td><a href="mailto:ahlquist@met.fsu.edu">ahlquist@met.fsu.edu</a></td>
</tr>
<tr>
<td>A</td>
<td>Albrecht, Bruce A.</td>
<td>Professor</td>
<td>University of Miami</td>
<td><a href="mailto:balbrecht@rsmas.miami.edu">balbrecht@rsmas.miami.edu</a></td>
</tr>
<tr>
<td>A</td>
<td>Alcorn, Marion</td>
<td>Instructor</td>
<td>Texas A&amp;M University</td>
<td><a href="mailto:alcorn@ariel.met.tamu.edu">alcorn@ariel.met.tamu.edu</a></td>
</tr>
<tr>
<td>A</td>
<td>Alexander, Joanne</td>
<td>Half-Time Lecturer</td>
<td>University of Colorado Boulder</td>
<td><a href="mailto:alexand@co-ra.com">alexand@co-ra.com</a></td>
</tr>
<tr>
<td>A</td>
<td>Alexander, Becky</td>
<td>Assistant Professor</td>
<td>University of Washington (Atmospheric Sciences)</td>
<td><a href="mailto:beckya@atmos.washington.edu">beckya@atmos.washington.edu</a></td>
</tr>
<tr>
<td>A</td>
<td>Allan, Craig</td>
<td>Associate Professor</td>
<td>University of North Carolina at Charlotte</td>
<td><a href="mailto:cjallan@uncc.edu">cjallan@uncc.edu</a></td>
</tr>
<tr>
<td>A</td>
<td>Allen, Dale J.</td>
<td>Research Scientist</td>
<td>University of Maryland</td>
<td><a href="mailto:allen@atmos.umd.edu">allen@atmos.umd.edu</a></td>
</tr>
<tr>
<td>A</td>
<td>Anastasio, Cort</td>
<td>Associate Professor</td>
<td>University of California Davis</td>
<td><a href="mailto:canastasio@ucdavis.edu">canastasio@ucdavis.edu</a></td>
</tr>
</tbody>
</table>
From 2004 Heads and Chairs Meeting:

*Resolution 2:* The AMS and AGU, working jointly, will, before the next Heads and Chairs meeting, collect information, such as planning documents and assessment reports, that would be of use to geosciences departments when representing their departments and their contextual disciplinary setting to higher administration.
The Curricula database helps you find the perfect school for your academic goals in the atmospheric, oceanic, hydrologic, and related sciences.

school keyword search: 

Searches for terms that describe a school's unique programs or capabilities.

Index of Universities & Colleges, Alphabetical
Index of Universities & Colleges by Degree Offered
Index of Universities & Colleges by State
Index of UCAR Member Members & Affiliates, Alphabetical
Index of University & College Faculty, Alphabetical

appendices: ucars profile| ams fellowship & scholarship program| ams educational initiatives| statistical summary

Best viewed in IE or Netscape 6+ in 800x600 or higher resolution.

appendices: help/comments : school login : how to list your school