

**COLLEGE OF NATURAL SCIENCES and MATHEMATICS**

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Chairs Report:

Computer Science:

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**COLLEGE OF NATURAL SCIENCES and MATHEMATICS**

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**Agenda Items:**

## Chairs Reports:

# COLLEGE OF NATURAL SCIENCES and MATHEMATICS

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## Agenda Items

## Miscellaneous Announcements and Reminders:

**Chairs Reports:**

**Biology:**

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**Chemistry:**

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**Math:**

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## Agenda Items

### Miscellaneous Announcements and Reminders:

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# COLLEGE OF NATURAL SCIENCES and MATHEMATICS

## Minutes of Chairs Council Meeting – March 15, 2010

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A meeting of the Chairs' Council of the College of Natural Sciences and Mathematics was held Monday, March 15, 2010. All chairs were present.

### Agenda Items:

1. Minutes of the March 8, 2010 were approved.
2. Dean Runge opened a discussion concerning the College's Advisory Board. An example copy of CNSM Advisory Board Bylaws were given to the chairs. Dean Runge would like for the Advisory Board to meet in May to discuss the adoption of bylaws. Dr. Addison suggested that the monthly CNSM newsletter be sent to board members.
3. Dr. Mauldin handed out copies of the section of the undergraduate bulletin pertaining to remedial courses and a self-study ADHE document. A discussion followed about courses in question. It was decided that the requirements for a BS degree will be discussed at future CoC.
4. Dean Runge distributed the draft of the CNSM guidelines for Promotion and Tenure developed by the Dean's Advisory Council. This draft is FOR INFORMATIONAL PURPOSES ONLY at this point. The CNSM T&P Committee is currently reviewing the draft. Once their feedback is received, a second draft will be distributed to the chairs to take it back to their departments for feedback. With input from each reviewing body, the departments and the chairs, Dean Runge would like these guidelines honed into a viable document that would work well for CNSM. The Dean stressed that the handout is only a draft.

### Miscellaneous Announcements and Reminders:

1. Dean Runge reported on the ARE-ON meeting that he attended shortly before the CoC.
2. Dean Runge reminded the chairs of the Central Arkansas Social to be held the evening of March 18<sup>th</sup> at Doubletree in Little Rock. More than 100 prospective students are expected to attend.
3. Dean Runge commented on the success of Bear Facts Day, March 13<sup>th</sup>. He recommended that a junior and senior faculty member be paired at future Bear Fact Days.
4. Due to UCA being closed next Monday for the Banner update there will not be a CoC.
5. Dr. Frederickson reminded the chairs of the upcoming Poster Symposium April 23<sup>rd</sup>. Abstracts are due March 31<sup>st</sup>.

### Chairs Reports:

#### Math

Carolyn Pinchback and Mrs. Belinda Riobertson (of ACMSE) are the main organizers of the meeting. About 80 participants, representing 16 states, attended the meeting. There were a total of 45 minute talks and two one hour lectures.

- NCLB grant: k-4 SMARTS (Science, Mathematics, and Reading Teaching Strategies), jointly proposed by ACMSE and the Math Department, for \$67,225 has been approved by the ADHE. Dr. Umadevi Gairmella of ACMSE is the project Director. Professors Ramesh Garimella, R.B. Lenin, Jean Mcgehee, Jerry Mimms and Carolyn Pinchback will provide professional development Workshops for the project participants.

### **Computer Science:**

- Dr. Hu reported that the Curriculum Committee met last week.
- Dr. Yu Sun and Ms. Karen Thessing have submitted a joint grant proposal with another university to the NSF.

### **Chemistry:**

- Dr. Mauldin reported that the Chemistry Department has recently converted Laney Annex 120 into student lounge to help improve a sense of community and retention.

### **Biology:**

- Dr. Adams reported that at a recent faculty meeting the decision of how to deal with AP Biology credit was made. Credit for independent study, undergraduate research and field studies was clarified and defined at the faculty meeting.
- Dr. Adams also reported the department is continuing to build a Biology Policy Manual.

### **Physics:**

- The Department of Physics and Astronomy hosted the 6th meeting of the Mid-South Chapter of the Acoustical Society of America on March 12th and 13th. Physics majors Josh Lieblong, Asami Nishikawa and Dustin Morris presented posters of their Research at the meeting. Dr. Addison announced that he will be visiting Henderson State and UA Monticello after Spring Break to work on the development of dual degree programs.

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**Biology:**

**Physics:**

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*The Effect of a Helmholtz Resonators Neck Geometry on the Aero-Acoustic  
Excitation of Resonance  
Resonator*



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*A Trigger for a Helmholtz Resonator*  
*: The Effect*  
*of a Helmholtz Resonators Neck Geometry on the Aero-Acoustic Excitation of Resonance*  
*: Study of Hard Tissues in*  
*Hind-limb Rats using SEM and X-ray Analysis*

*BalloonSat* *Developing Low Cost Experiments for*

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*or How to Combine Historical Information with Data*

*Bayesian Statistics,*

**Physics:**

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*a Class of 2D-*

*Exact Solutions for*



**COLLEGE OF NATURAL SCIENCES and MATHEMATICS**

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**Agenda Items**

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**Biology:**

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*An Early Start on Professionalism*

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*Second Brain: Neuronal Polarity and Migration*

*Enteric Nervous System, The*

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- Dr. , The

**Physics:**

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*Error Analysis of Light-n-Capture Element  
Abundances in the Metal-Poor Halo Star HD74462*