

NSTA CHARLOTTE
NOVEMBER 8, 2013

Developing Science Education Leaders:

THE NCSLA SCIENCE
LEADERSHIP FELLOWS
PROGRAM (SLFP) MODEL

Presenters: Pat Shane, Michelle Ellis,
Rob Halpern, Rebecca Hite

WELCOME AND AGENDA

Please introduce yourself to your table Partner,
then quickly discuss:

- 1) What are your reasons for attending this Workshop?
- 2) What is Science Education Leadership? *Meaning, what skills and qualities are necessary in a leader to advance Science Education in North Carolina at various scales?*



Introduction

- * History of Program
- * Goals of Program



Framework

- * Experiences/Opportunities
- * Application Process



Panel Discussion

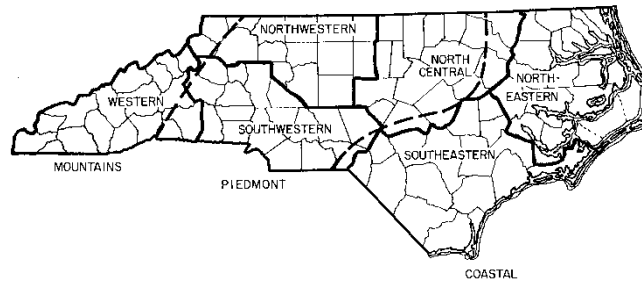
- * Prepared Questions
- * Question and Answers from the Audience

NEED FOR A SCIENCE EDUCATION LEADERSHIP PROGRAM

- There's been a decrease in central office science coordinators since 1980's.
 - Individuals at school level have been required to assume these leadership roles in science education.
 - Typically, these individuals were trained by a "*sink or swim*" method, with little or no formal training.



WHAT SKILLS AND EXPERIENCES DO SCIENCE EDUCATION LEADERS NEED?



THE NCSLA SCIENCE LEADERSHIP FELLOWS PROGRAM MODEL

N

Network – Connecting and cultivating relationships

C

Celebrate – partaking in shared success

S

Support – collaborating and building capacity

L

Lead – Developing leadership skills and opportunities

A

Advocate – Providing tools to create, promote policy

EXPERIENCES AND OPPORTUNITIES WITHIN THE SLF PROGRAM



- Instructional and assessment strategies
- Facilitating reform and understanding the process of change
- Building leadership capacity
- Conflict resolution and consensus building
- Networking and building partnerships
- Effective use of technology
- Processes for text/materials selection
- Science and Education Advocacy
- Grant writing

ELIGIBILITY AND APPLICATION

Who can apply?

- Classroom STEM Teachers
- Higher Education Science Education Professors
- Science Supervisors
- Science Curriculum Specialists
- Informal Science Members
- Science Educators in Business and/or Industry
- Individuals with an expressed interest in Science Education Leadership

How do I apply?

- Cohorts of 12 to 15 members are formed every two years through a competitive application process.
- Applications for the upcoming cohort will be made available online **November 15th, 2013.**
- Applications are due **December 15, 2013.**
- Notifications will be made **mid-January, 2014.**

PANEL DISCUSSION

- Professional Development :

Gina Barrier



- Current NCSLA fellow:

Lesley Brickhouse



- Informal Science:

Rob Corbin



- Science Supervisor:

Wayne Fisher



PANEL QUESTIONS

Question One

What brought you to the program?

Why did you apply?

Question Two

Please share an experience where you utilized skills garnered from your fellowship.

What was the outcome?

Question Three

How are you prepared you for NGSS?

How are you promoting quality professional development?

Please visit us in our booth...

www.ncsla.net



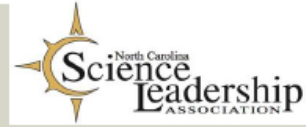
NcSciTeach



@NCScienceLeader



NCSLA Leadership Fellows Program



North Carolina Science
Leadership Association
Science Leadership
Fellows Program

NCSLA provides opportunities for science educators at all levels to exchange ideas and information, promote the cause of quality science instruction, and influence the creation of policies and legislation.

Today, science leadership begins in every school and includes lead teachers, department chairs, science coordinators and supervisors, university professors, state agency specialists, private science consultants, business and industry.

No matter what role you play, NCSLA is your source for information and the place where your voice can be heard in improving the quality of science education across North Carolina. Membership is open to all individuals concerned with leadership in science education.

QUESTIONS FROM THE AUDIENCE?

QUESTIONS MAY BE DIRECTED TO THE PRESENTERS OR PANELISTS