

WISEST INITIATIVES / *POSTDOCTORAL PROGRAM* / *Post-doc Institute*

Sources for Teaching

1. see the following in

<http://serc.carleton.edu/NAGTWorkshops/earlycareer/teaching/efficiency.html>

advice for new faculty members:

[Advice For New Faculty Members: Nihil Nimus](#)

[Advice for New Faculty: Everything in Moderation](#)

on preparing a new course:

[How to Prepare New Courses While Keeping Your Sanity](#)

on preparing for a class period:

[Class Preparation Time: How Much Is Enough?](#)

[How to plan a class period](#)

[What is the Most Difficult Step We Must Take to Become Great Teachers?](#)

2. see also the following sources listed in

<http://serc.carleton.edu/NAGTWorkshops/earlycareer/teaching/toolkit.html>

keeping students engaged in large lecture classes

[Interactive Lecture](#)

[Just-in-Time Teaching.](#)

[Beating the Numbers Game: Effective Teaching in Large Classes](#)

[How to Create Memorable Lectures](#)

[Big, But Not Bad.](#)

3. building your teaching case for tenure:

methods for documenting teaching excellence

<http://serc.carleton.edu/NAGTWorkshops/earlycareer/teaching/tenurecase.html>

4. efficient effective teaching:

learning Styles

<http://serc.carleton.edu/NAGTWorkshops/earlycareer/teaching/learningstyles.html>

5. teaching undergrad science:

“*Advice for New Faculty Teaching Undergraduate Science*” Sarah L. Keller and Andri L. Smith, Journal of Chemical Education Vol. 83 No. 3 March 2006 401-406. A pdf is posted at:

http://www.engr.washington.edu/advance/mentoring/KellerAdviceArticle_052908.pdf

6. motivating students to develop into intentional learners:

Karl Wirth: [Thinking About Learning: Motivating Students to Become Intentional Learners](#)

7. book for new faculty:

"On Course: A Week-by-week Guide to Your First Semester of College Teaching" James M. Lang - Harvard University Press (2008) - Hardback - 336 pages - ISBN 0674028066