

## ACS Webinars: Professional Growth and Development Series



Looking for new ideas in your research projects? Want to know if computational methods can help? Knowing when to use a certain tool in your research is as crucial as deciding whether you should use it. Advances in computational methods have greatly sped up drug discovery, but it is not without its setbacks. Our speaker will discuss the successes of computational modeling and how to benefit from failures and avoid costly mistakes. Join us as we probe the secrets of when to deploy computational methods and how to get the innovations you want.

[Register here!](#)

### ***“Staying ahead of the game: Recent innovations in computational methods for drug discovery.”***

*A short presentation followed by Q&A with speaker Woody Sherman, Vice President of Applications Science at Schrödinger Inc. This event will be moderated by Karen Rossi, a scientist with over a decade of computer-aided drug design experience in various therapeutic projects at Bristol Myers Squibb and DuPont Pharmaceuticals.*

#### **What You Will Learn**

- How recent innovations in computational methods can impact my projects
- When should I use (and not use) molecular modeling in my projects
- What can I learn from past successes in computer-aided drug design
- Guidance to getting where I want faster; avoiding costly mistakes
- And much more...

#### **Webinar Details**

Date: Thursday, March 18, 2010

Time: 2:00-3:00 pm ET

Fee: Free

[Register here](#)

(<https://www2.gotomeeting.com/register/464892763>)

#### **Meet Your Expert**

Dr. Woody Sherman is Vice President of Applications Science at Schrödinger Inc. He received his Ph.D. from MIT where he developed a novel method for optimizing ligand binding specificity across a panel of targets and helped develop a novel method to enhance antibody affinity that resulted in a patent. He has authored papers on induced-fit docking, binding specificity, antibody design, fragment docking, and hybrid ligand/structure-based methods. Woody is a reviewer for many top journals related to computational chemistry and drug design and is on the Editorial Board of Chemical Biology & Drug Design.

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