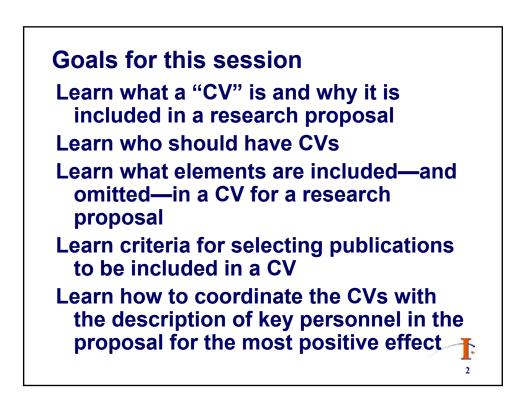
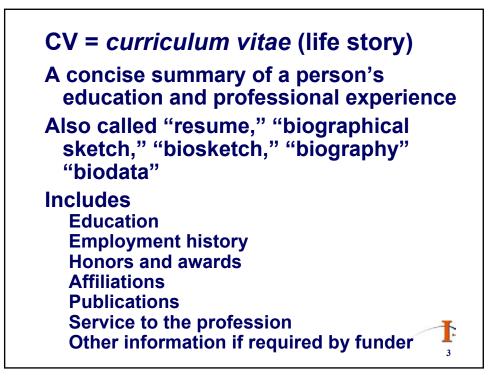
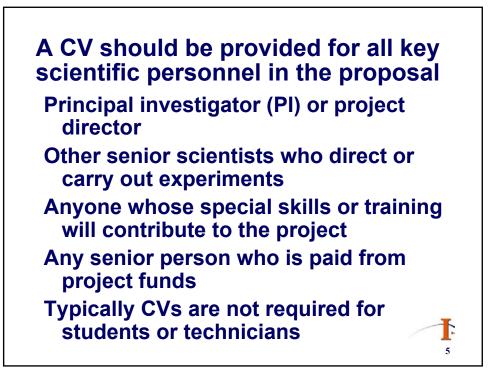
	CELIA M	IATHEWS ELLIOTT				
	Urban	versity of Illinois at Urbana-Champa a, IL 61801-3080 -244-4293 (fax) • cmelliot@uiuc.edu	-			
	8.A., English, American History A.Ed., Educational Psychology	Michigan State University University of Illinois	East Lansing, MI Urbana, IL			
Vork History		minute	Urbana. IL			
996-Present	<ul> <li>Department of Physics, University of Director, External Affairs and Sp</li> </ul>	ecial Projects				
993-1996	Dept of Nuclear Engineering, Univers Assistant Editor	sity of Illinois	Urbana, IL			
980-1999	Parkland College		Champaign, IL			
980-1992	Part-time Faculty—Communicati Prairie State Meats, Inc.	Champaign, IL				
971-1980	Owner/General Manager Swift & Company		Champaign, IL			
1977-198 1976-197 1974-197	30 General Manager 77 Assistant Plant Manager 76 Sales Representative	e Manoer	Champarga, IL			
2 volume The Eighth In C.M. Elli D.K. Campbe	6th Symposium on Fusion Engineering, s, 1625 pp. ternational Conference on Emerging Na ott, IPPE, Obninsk, Russia (1997). 2 voi II, G.E. Gladding, and C.M. Elliott, "Par ory Physics Sequence at Illinois," Forum ory Physics Securection 2011;105: "	eds. G.H. N clear Energy Junes, 825 Jule Parkin		ing a		a
Publications IEEE/NPSS 1 2 volume The Eighth In C.M. Elli D.K. Campbe Introducti C.M. Elliott, 1 (1999). I C.M. Elliott, 1 (2001). Is	6th Symposium on Fusion Engineering, s, 1625 pp. Iternational Conference on Emerging NU and Conference on Emerging NU 11, G.E. Gladding, and C.M. Ellout, "Part or Physics Sequence at Illinois," Forum BV. Litvinov, Fundamentals of Publish Russian. How to Develop Successful Technical Pra Russian.	eds. G.H. N clear Energy Junes, 825 Jule Parkin		ing a ch P		a
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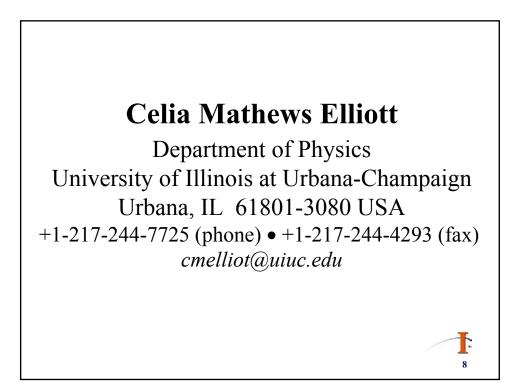


The purpose of including CVs in a research proposal is to convince funders and reviewers that the your team has the requisite education, skills, and experience to carry out the project successfully.

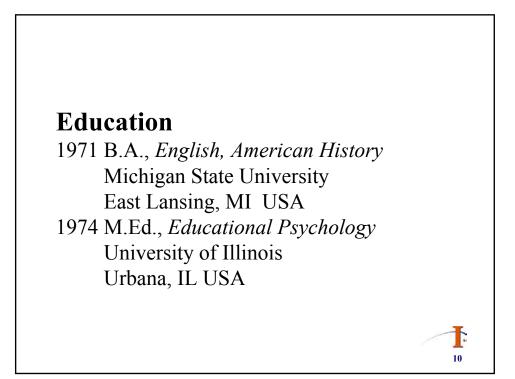








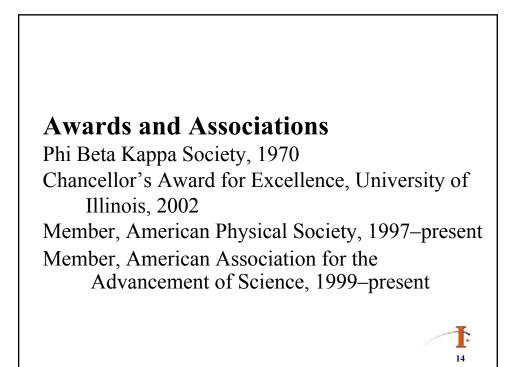


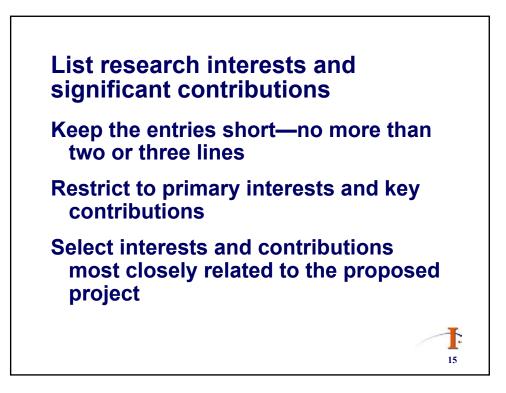




Emplo	yment
1999–	Director, External Affairs
Present	Department of Physics
	University of Illinois
	Urbana, IL 61801 USA
1996–	Assistant Head for Academic Affairs
1999	Department of Physics
	University of Illinois
	Urbana, IL 61801 USA







## **Research Interests**

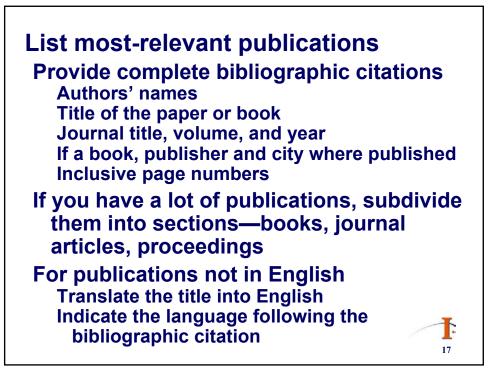
Experimental biological physics; fluorescence microscopy and spectroscopy; DNA– protein interactions; molecular biology

## **Research Contributions**

Room temperature observation of novel single-molecule dynamics, such as spectral jumps, dark states, quantum jumps to metastable triplet state, and rotational jumps Detection of single fluorescent molecules and

energy transfer between a single donoracceptor pair

16



## **Publications**

*IEEE/NPSS 16th Symposium on Fusion Engineering*, eds. G.H. Miley and C.M. Elliott, IEEE, Piscataway, NJ (1996). 2 vols., 1625 pp.

D.K. Campbell, G.E. Gladding, and C.M. Elliott, "Parallel Parking an Aircraft Carrier: Revising the Calculus-Based Introductory Physics Sequence at Illinois," *Forum on Education of the American Physical Society* 17, 9–13 (1997).

C.M. Elliott, *How to Develop Successful Technical Proposals*, International Science and Technology Center, Moscow (2001). 104 pp. In Russian.



## **Invited Talks**

C.M. Elliott, "The New U.S. Nanotechnology Initiative," *Семинара Наночастицы И Нанохимия*, Institute for the Problems of Chemical Physics, RAS, Chernogolovka, Russia, October 1–2, 2000.

C.M. Elliott, "Presenting your Results in Papers and Oral Presentations in the West," Science Information Service, RAS (VNIITI), Moscow, Russia, March 7, 2001.

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