

SBIR/STTR Phase I Grantees Workshop

Holiday Inn Arlington ♦ 4610 North Fairfax Drive ♦ Arlington, VA 22203

Wednesday, September 24

7:00 am – 5:00 pm	Registration Desk Open Please visit the registration desk to check in & pick up your workshop materials	Foyer
7:00 am – 8:00 am	Light continental breakfast buffet available	Foyer
8:00 am – 10:00 am	Patents: An Introduction for Research Scientists, Engineers and Technologists <i>(see workshop description below)</i> E. Jennings Taylor, Ph.D., CTO & IP Director, Faraday Technologies	Ballroom
10:00 am – 10:15 am	Coffee Break	Foyer
10:15 am – 12:00 pm	Patents Workshop, cont.	Ballroom
12:00 pm – 1:00 pm	Lunch Break Lunches available for purchase or on your own in the Ballston neighborhood.	Foyer
1:00 pm – 1:15 pm	Welcoming Remarks Michael M. Reischman, Deputy Assistant Director, Directorate for Engineering	Ballroom
1:15 pm – 1:30 pm	Introduction to IIP and SBIR/STTR Kesh Narayanan, Division Director, Industrial Innovation & Partnerships	Ballroom
1:30 pm – 1:45 pm	Upcoming STTR Solicitation Cheryl Albus, Program Director, SBIR/STTR	Ballroom
1:45 pm – 2:00 pm	Phase I Reporting & Getting Paid Amanda Morris, Program Manager, SBIR/STTR Support Contract	Ballroom
2:00 pm – 2:15 pm	Phase IB Supplement & Review Process Joseph Hennessey, Senior Advisor, Industrial Innovation & Partnerships	Ballroom
2:15 pm – 2:45 pm	Audit & Investigation Monte Fisher, Senior Counsel, Office of Inspector General	Ballroom
2:45 pm – 3:00 pm	Coffee Break	Foyer
3:00 pm – 4:00 pm	Phase II Proposal Preparation Murali Nair, Program Director, SBIR/STTR	Ballroom
4:00 pm – 5:00 pm	Commercialization & Phase II Commercialization Results Errol Arkilic, Program Director, SBIR/STTR	Ballroom
5:00 pm – 6:00 pm	NSF SBIR/STTR Phase II Commercial Review Panel Panel discussion and Q&A with folks who provide SBIR/STTR commercial reviews	Ballroom
6:00 pm – 7:30 pm	Welcome & Networking Reception	Sidetrack Lounge

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Thursday, September 25

7:00 am – 8:00 am	Light continental breakfast buffet available	Foyer
8:00 am – 8:30 am	OLPA Overview Josh Chamot, Public Affairs Specialist, Legislative & Public Affairs	Ballroom
8:30 am – 9:00 am	Budget Submission Guidance & Requirements Juan Figueroa, Program Director, SBIR/STTR	Ballroom
9:00 am – 10:00 am	Financial & Budget Reviews Carrie Davison, Cost Analyst, Division of Institution & Award Support	Ballroom
10:00 am – 10:30 am	What Do I Do Now? Kimberly Crabb, SBIR/STTR Grant & Agreement Specialist	Ballroom
10:30 am – 10:50 am	Coffee Break	Foyer
10:50 am – 12:15 pm	Biotechnology Breakout Session	Ballston Room
10:50 am – 12:15 pm	Components & Systems (Electronics) Breakout Session	Clarendon Room
10:50 am – 12:15 pm	Software & Services Breakout Session	Arlington Room
12:15 pm – 1:00 pm	Lunch Break <i>After lunch on your own, walk to NSF for afternoon meetings. Please arrive 15 minutes prior to your scheduled meetings (shuttles also available from Holiday Inn).</i>	
1:00 pm – 6:00 pm	NSF One-on-One Meetings (<i>schedule distributed in early August</i>)	See booklet
1:00 pm – 6:00 pm	Dawnbreaker One-on-One Meetings	See booklet
1:00 pm – 3:00 pm	Development Capital Networks Phase I Grantee Group Meetings DCN grantees are required to attend only one meeting	NSF – Room 110
3:30 pm – 5:30 pm	Development Capital Networks Phase I Grantee Group Meetings DCN grantees are required to attend only one meeting	NSF – Room 110

Workshop Concludes

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Patents: An Introduction for Research Scientists, Engineers and Technologists

Presented by: E. Jennings Taylor, Ph.D., CTO & IP Director, Faraday Technologies

This tutorial will provide an introduction to the various forms of intellectual property, including patents, trade secrets, trademarks, and copyrights with the main emphasis on patents. The objective of the tutorial is to provide the scientist/engineer an appreciation of the patenting process and not to replace legal counsel. The course will be presented from the perspective of an electrochemist/inventor that is registered to practice before the US Patent & Trademark Office as a patent agent.

The foundation of modern patent principles will be traced from their origin in the U.S. Constitution through their early development and recent status. Topics to be covered include:

- Analogies between intellectual property and tangible property;
- Statutory criteria for obtaining a U.S. patent:
 - Utility,
 - Novelty,
 - Non-obviousness,
 - Enabling description; and
 - Lack of prior public disclosure;
- Distinction between an author of a scientific paper and inventor on a patent (and consequences of doing it wrong);
- Rights Granted by a Patent vis-à-vis Freedom to Operate;
 - Dominant versus Subordinate Patents;
- Patent Term;
- Patent Searches.

The tutorial will provide the basis for determination of novelty vis-à-vis prior art. In addition, the difference between “technical obviousness” and “legal obviousness” will be illustrated. Finally, the nuances regarding public disclosure and other prior art events will be addressed.

This tutorial will introduce the various forms of patent claims in view of claim elements and will culminate with case studies of the patent examination process along with the potential for citation analysis as a tool for identifying potential strategic partners. In closing, the purpose of the tutorial is not to replace the patent counsel, but rather to facilitate informed interaction between the inventor and said patent counsel.