

**The 2010 University Physics Competition
Results Announcement – December 6, 2010**

We are very pleased to announce the results of the first annual University Physics Competition. The University Physics Competition is an international contest for undergraduate students, who worked in teams of up to three students at their home colleges and universities all over the world, and spent 48 hours during the weekend of November 6 & 7 analyzing an applied scenario using the principles of physics, and writing a formal paper describing their work.

During this, our inaugural year, 58 teams submitted papers for judging. 31 teams selected “Problem A - Aerobraking a Space Probe at Neptune” and 27 teams selected “Problem B - Trebuchet: The Dynamics of a Medieval Siege Engine.”

For Problem A, the Gold Medal Winning Team was:

Team 160: Ari Cukierman, Olivia Walch, & Dian Yang
Institution: The College of William and Mary, Williamsburg, Virginia
Team Advisor: Christopher Carone

For problem B, the Gold Medal Winning Team was:

Team 210: John Sanders
Institution: Saint Louis University, St. Louis, Missouri
Team Advisor: William Thacker

Of the 58 teams in the 2010 University Physics Competition, 2 teams (3%) were ranked as Gold Medal Winners, 8 teams (14%) were ranked as Silver Medal Winners, 16 teams (28%) were ranked as Bronze Medal Winners, and 32 teams (55%) were ranked as Accomplished Competitors. The 2010 University Physics Competition received official sponsorship from the American Physical Society and American Astronomical Society, which provided prizes for the gold medal winning teams.

We extend our sincerest congratulations to each of the 58 competing teams for their excellent work and their enthusiasm for physics!

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Problem A - Aerobraking a Space Probe at Neptune

Team #	Advisor	Institution	Problem	Rank
160	Christopher Carone	College of William and Mary	A	Gold Medal
151	Taner Edis	Truman State University	A	Silver Medal
161	Keith Bonin	Wake Forest University	A	Silver Medal
168	George Stecher	University of Wisconsin-Eau Claire	A	Silver Medal
200	Ming-chung Chu	The Chinese University of Hong Kong	A	Silver Medal
204	Gil Holder	McGill University	A	Silver Medal
154	Christopher King	Northeastern University	A	Bronze Medal
162	David Branning	Trinity College	A	Bronze Medal
170	Irina Novikova	College of William and Mary	A	Bronze Medal
179	Channon Price	University of Alaska Fairbanks	A	Bronze Medal
184	Steven Doty	Denison University	A	Bronze Medal
195	Richard Robinett	The Pennsylvania State University	A	Bronze Medal
202	Phil Rose	Carroll College	A	Bronze Medal
207	Michael Allen	Washington State University	A	Bronze Medal
208	Richard Robinett	Penn State University	A	Bronze Medal
152	Pierre Ouimet	University of Regina	A	Accomplished Competitor
158	Reem Altwuirqi	King Abdul Aziz University	A	Accomplished Competitor
174	Jorge Ballester	Emporia State University	A	Accomplished Competitor
175	Frank L H Wolfs	University of Rochester	A	Accomplished Competitor
177	Frank L H Wolfs	University of Rochester	A	Accomplished Competitor
180	Richard Robinett	Pennsylvania State University	A	Accomplished Competitor
183	Dr. Laird Kramer	Florida International University	A	Accomplished Competitor
187	Siu Au Lee	Colorado State University	A	Accomplished Competitor
190	Massimo Testa	University of Rome "La Sapienza"	A	Accomplished Competitor
193	Steven Doty	Denison University	A	Accomplished Competitor
194	Steven Doty	Denison University	A	Accomplished Competitor
196	Costas Efthimiou	University of Central Florida	A	Accomplished Competitor
197	Marina Artuso	Syracuse University	A	Accomplished Competitor
198	Dorjderem Nyamjav	University of the Sciences	A	Accomplished Competitor
205	Lorcan Folan	Polytechnic Institute of New York University	A	Accomplished Competitor
211	Ian T. Durham	Saint Anselm College	A	Accomplished Competitor

Problem B - Trebuchet: The Dynamics of a Medieval Siege Engine

Team #	Advisor	Institution	Problem	Rank
210	William Thacker	Saint Louis University	B	Gold Medal
157	Tian Cui	Jilin University	B	Silver Medal
186	Qichang Su	Illinois State University	B	Silver Medal
189	Rick Robinett	Penn State University	B	Silver Medal
165	Theodore J Allen	Hobart & William Smith Colleges	B	Bronze Medal
181	Dr. Laird Kramer	Florida International University	B	Bronze Medal
191	David Morin	Harvard University	B	Bronze Medal
199	Paul Sommers	Penn State	B	Bronze Medal
206	Murali Subbarao	Stony Brook University	B	Bronze Medal
209	Robert Ragan	University of Wisconsin - La Crosse	B	Bronze Medal
213	Jorge Ballester	Emporia State University	B	Bronze Medal
153	Douglas Singleton	CSU Fresno	B	Accomplished Competitor
156	Esteban Isasi	Universidad Simón Bolívar	B	Accomplished Competitor
159	Steve Shropshire	Idaho State University	B	Accomplished Competitor
166	Theodore J Allen	Hobart & William Smith Colleges	B	Accomplished Competitor
169	Chen-Yu Liu	Indiana University at Bloomington	B	Accomplished Competitor
171	Peter Sheldon	Randolph College	B	Accomplished Competitor
172	Peter Sheldon	Randolph College	B	Accomplished Competitor
173	Peter Sheldon	Randolph College	B	Accomplished Competitor
178	Frank L H Wolfs	University of Rochester	B	Accomplished Competitor
182	Dr. Laird Kramer	Florida International University	B	Accomplished Competitor
185	Chitra Rangan	University of Windsor	B	Accomplished Competitor
188	Dr. Laird Kramer	Florida International University	B	Accomplished Competitor
192	Nathan Harshman	American University	B	Accomplished Competitor
201	Yevgeniya V. Zastavker	Franklin W. Olin College of Engineering	B	Accomplished Competitor
203	Irina Novikova	The College of William and Mary	B	Accomplished Competitor
212	David Jeffery	Northern Arizona University	B	Accomplished Competitor