

## The Basement Team

*Here are recent presentations and articles in EIR by some members of the LaRouche PAC Basement Team of young scientific researchers. The date refers to the cover date of the magazine.*

“The Unified Field Theory: A Biological Perspective,” Oct. 16, 2009, interview on The LaRouche Show with **Peter Martinson** and **Sky Shields**, who discuss the prerequisites for a manned space program, including industrialization of the Moon, colonization of Mars, and exploration of the Solar System beyond Mars. [http://www.larouchepub.com/eiw/public/2009/2009\\_40-49/2009\\_40-49/2009-40/pdf/eirv36n40.pdf](http://www.larouchepub.com/eiw/public/2009/2009_40-49/2009_40-49/2009-40/pdf/eirv36n40.pdf)

**Sky Shields**, “Kesha Rogers’ Victory Signals the Rebirth of a Mars Colonization Policy!” March 19, 2010. An investigation of the challenges posed by cosmic radiation to our understanding of the universe, and our ability to become a truly space-faring species. The election victory of LaRouche Democrat Kesha Rogers in the Texas 22nd C.D. Democratic primary showed that voters want a future, including the scientific advances represented by the NASA manned space program, which the Obama Administration is eliminating. [http://www.larouchepub.com/eiw/public/2010/2010\\_10-19/2010-11/pdf/25-31\\_3711.pdf](http://www.larouchepub.com/eiw/public/2010/2010_10-19/2010-11/pdf/25-31_3711.pdf)

“Mankind, the ‘Weak Force,’ Drives and Shapes the Universe,” April 2, 2010. **Alicia Cerretani** and **Sky Shields**, in an interview on The LaRouche Show, discuss the relationship between human social relations and scientific progress, as shown in Kesha Rogers’ election victory. They lay out the next step for the Basement Team:



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*Peter Martinson (left) and Sky Shields*

“a very harsh and very detailed attack on the positivist approach in the physical sciences, but also more broadly.” [http://www.larouchepub.com/eiw/public/2010/2010\\_10-19/2010-13/2010-13/pdf/44-55\\_3713.pdf](http://www.larouchepub.com/eiw/public/2010/2010_10-19/2010-13/2010-13/pdf/44-55_3713.pdf)

**Peter Martinson**, “Towards a New Periodic Table of Cosmic Radiation,” April 23, 2010. The author situates the issue of cosmic radiation in terms of the problems posed by Max Planck, Albert Einstein, and their collaborators, and describes some areas of promising re-

search opportunities. [http://www.larouchepub.com/eiw/public/2010/2010\\_10-19/2010-16/pdf/30-37\\_3716.pdf](http://www.larouchepub.com/eiw/public/2010/2010_10-19/2010-16/pdf/30-37_3716.pdf)

**Oyang Teng**, “Onward to Mars: The Triumph of the Weak Forces,” May 14, 2010. An investigation of how a new science of dynamics will require a mobilization of the scientific and economic means necessary to secure an interplanetary future for mankind, including mastery of the entire electromagnetic spectrum and its use to sustain human life throughout the Solar System. [http://www.larouchepub.com/eiwpublic/2010/2010\\_10-19/2010-19/pdf/38-47\\_3719.pdf](http://www.larouchepub.com/eiwpublic/2010/2010_10-19/2010-19/pdf/38-47_3719.pdf)



Helene Möller

*Oyang Teng*

**Meghan K. Rouillard**, “Isotopes and Life: Considerations for Space Colonization,” June 25, 2010. The colonization of space will require a decisive break from empiricism. This paper addresses the nature of isotopes from the standpoint of creating a habitable environment on another planet. [http://www.larouchepub.com/eiw/public/2010/2010\\_20-29/2010-25/pdf/36-47\\_3725.pdf](http://www.larouchepub.com/eiw/public/2010/2010_20-29/2010-25/pdf/36-47_3725.pdf)



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*Meghan Rouillard*



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*Alicia Cerretani*