

CorNotes

CVI JOURNAL CLUB

June 10.....Dr. Jeske

For further information, contact Dr. Ken Byron at x72819.

CVI SEMINAR SERIES

The next CVI Research Division seminar will be in September, 2004 Please check future **CorNotes** for time and date. If you wish to sponsor a Seminar Speaker next fall or after, please contact Dr. Leanne Cribbs at x72817.

RECENT PUBLICATIONS FROM THE CVI

Wilber, D.J., Zareba, W., Hall, W.J., Brown, M.W., Lin, A.C., Andrews, M.L., Burke, M., Moss, A.J. Time dependence of mortality risk and defibrillator benefit after myocardial infarction. *Circulation* 109(9):1082-1084, 2004.

Cherednichenko, G., Zima, A.V., Feng, W., Schaefer, S., Blatter, L.A., Pessah, I.N. NADH oxidase activity of rat cardiac sarcoplasmic reticulum regulates calcium-induced calcium release. *Circulation Research* 94(4):478-486, 2004.

AHA FUNDING AT LUMC

The deadlines for submission of AHA grants to the National Center and Greater Midwest Affiliate are rapidly approaching. Visit <http://www.americanheart.org/> for a description of award types and electronic submission deadlines. Here is a list of current funding opportunities at AHA National and GMA:

[Last Update: March 15, 2004]

Predocctoral Fellowship

To help students initiate careers in cardiovascular or stroke research by providing research assistance and training. Offered by:

[Heartland](#), [Greater Midwest](#), [Pacific Mountain](#)

Postdoctoral Fellowship

To help a trainee initiate a career in cardiovascular research while obtaining significant research results. Offered by:

[Heartland](#), [Greater Midwest](#), [Pacific Mountain](#)

Fellow-to-Faculty Transition Award

To provide funding for trainees with outstanding potential for careers as physician-scientists in cardiovascular or stroke research during the crucial period of career development that spans the completion of research training through the early years of the first faculty/staff position. The Fellow-to-Faculty Transition Award is a national award and is offered in January only.

Scientist Development Grant

To support highly promising beginning scientists in their progress toward independence by encouraging and adequately funding research projects that can bridge the gap between completion of research training and readiness for successful competition as an independent investigator. Offered by:

[Greater Midwest](#), [National](#)

Established Investigator Award

To support mid-term investigators with unusual promise who have demonstrated a commitment to the cardiovascular or cerebrovascular science area as indicated by prior publication history and accomplishments. **Offered in July only** by

[National Center](#).

Grant-in-Aid

To encourage and adequately fund the most innovative and meritorious research projects from independent investigators. Offered by:

[Heartland](#), [Greater Midwest](#), [Pacific Mountain](#)

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The American Heart Association currently provides **\$1.892 million** in funding cardiovascular investigators at LUMC. Here is a list of currently funded projects:

Aromolaran, Ademuyiwa Adebayo PhD

Project title: Modulation of calcium signaling by protein kinases in bovine vascular endothelial cells
 Program type: Postdoctoral Fellowship
 Funding source: Greater Midwest Affiliate
 Award start date: 7/1/2003
 Award end date: 6/30/2005

Banach, Kathrin Ph.D.

Project title: Pacemaker activity and excitation spread in multicellular aggregates of cardiac myocytes derived from mouse embryonic stem cells
 Program type: Scientist Development Grant
 Funding source: Greater Midwest Affiliate
 Award start date: 1/1/2003
 Award end date: 12/31/2005

Bossuyt, Julie B C DVM, PhD

Project title: Phospholemman regulation of the cardiac Na/K pump
 Program type: Postdoctoral Fellowship
 Funding source: Greater Midwest Affiliate
 Award start date: 1/1/2004
 Award end date: 12/31/2005

Copello, Julio A PhD

Project title: Role of Ryanodine Receptors Functional Heterogeneity on Excitation-Contraction Coupling in Striated Muscle
 Program type: Scientist Development Grant
 Funding source: National Center
 Award start date: 1/1/2001
 Award end date: 12/31/2004

Despa, Sanda Ilinca PhD

Project title: [Na⁺]_i regulation in ventricular myocytes: role of intracellular Na gradients and buffering
 Program type: Postdoctoral Fellowship
 Funding source: Greater Midwest Affiliate
 Award start date: 7/1/2002
 Award end date: 6/30/2004

Duncan, Alexis Mary PhD

Project title: Quantification and characterization of local sarcoplasmic reticulum calcium depletions termed "Calcium scraps"
 Program type: Postdoctoral Fellowship
 Funding source: Greater Midwest Affiliate
 Award start date: 1/1/2004
 Award end date: 12/31/2005

Gao, Xianlong B. MD, PhD.

Project title: Regulation of cardiac specific adenylyl cyclase by Protein Associated with Myc (PAM).
 Program type: Postdoctoral Fellowship
 Funding source: Greater Midwest Affiliate
 Award start date: 7/1/2003
 Award end date: 6/30/2005

Martin, Jody Lee Ph.D.

Project title: Phosphorylation of alphaB-crystallin and hsp27; their role in the ischemic myocardium.
 Program type: Scientist Development Grant
 Funding source: Greater Midwest Affiliate
 Award start date: 7/1/2002
 Award end date: 6/30/2005

Osei-Owusu, Patrick BSc

Project title: Mechanisms of 5-HT_{1A} Receptor-mediated Reversal of Hypovolemic Shock
 Program type: Predoctoral Fellowship
 Funding source: Greater Midwest Affiliate
 Award start date: 1/1/2003
 Award end date: 12/31/2004

Picht, Eckard MD

Project title: Local SR Ca release in Atrial and Ventricular Myocytes
 Program type: Postdoctoral Fellowship
 Funding source: Greater Midwest Affiliate
 Award start date: 1/1/2004
 Award end date: 12/31/2005

Piedras-Renteria, Erika S Ph.D.

Project title: Calcium channel function and neurological disease
 Program type: Scientist Development Grant
 Funding source: National Center
 Award start date: 7/1/2003
 Award end date: 6/30/2007

Wurster, Robert D PhD

Project title: Neurotrophins Cause Neuronal Hypertrophy and Increased Catecholamine Synthesis in Cardiac Ganglia from Hypertrophied Heart
 Program type: Grant-in-Aid
 Funding source: Greater Midwest Affiliate
 Award start date: 7/1/2003
 Award end date: 6/30/2005

Ziolo, Mark T PhD

Project title: Nitric Oxide Synthase signaling in cardiac myocytes and its effects on Excitation-Contraction Coupling
 Program type: Scientist Development Grant
 Funding source: Greater Midwest Affiliate
 Award start date: 7/1/2003
 Award end date: 6/30/2006



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