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| **2016** |  |  |  |
| **Principle Investigator**  | **Project Title** | **Award** |  |
| Geoffrey Bove, D.C., Ph.D., Professor, Department of Biomedical Sciences, College of Osteopathic Medicine  | Mechanisms of Manual Therapy for the Prevention and Treatment of Repetitive Motion Disorders | R01 Sub-award |  |
| Geoffrey Ganter, Ph.D., Professor of Biology, College of Arts and Sciences | Characterization of the BMP Signaling Pathways that Produce Nociceptor Sensitization in Drosophila | R15 Grant |  |
| Ling Cao, M.D., Ph.D., Associate Professor, Department of Biomedical Sciences, College of Osteopathic Medicine | Role of CD137L in Peripheral Nerve Injury Induced Neuropathic Pain | R01 Grant |  |
| Katherine Rudolph, P.T., Ph.D., Associate Professor of Physical Therapy, Westbrook College of Health Professions | Chronic Pain, Motor Output and Motor Learning in Knee Osteoarthritis | R15 Grant |  |
| Katherine Hanlon, Ph.D., Assistant Professor, Department of Biomedical Sciences, College of Osteopathic Medicine | Resident DRG Macrophages: Impact on Nociceptor Response | Foundation Grant |  |
| Ian Meng, Ph.D., Professor, Department of Biomedical Sciences, College of Osteopathic Medicine | Role of the Nerve Regeneration-associated Gene Sox11 in Promoting Corneal Innervation and Epithelial Cell Repair in Dry Eye | R01 Grant |  |
| Amy Davidoff, Ph.D., Professor, Department of Biomedical Sciences, College of Osteopathic Medicine | Spheriod Culture Immunohistochemistry | Contract |  |
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| **2015** |  |  |  |
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| **Principle** **Investigator**  | **Project Title** | **Award** |  |
| Ian Meng, Ph.D., Professor, Department of Biomedical Sciences, College of Osteopathic Medicine  | Assessment of an Experimental Dry Eye Therapy on Tearing in the Rat | Contract |  |
| Ian Meng, Ph.D., Professor, Department of Biomedical Sciences, College of Osteopathic Medicine  | Assessment of an Experimental Dry Eye Therapy Applied to Distal Facial Skin on Corneal Sensitivity in the Rat | Contract |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Opioid Therapeutics | Contract |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Development of Mu Agonist Delta Antagonist Opioids as Analgesics for Chronic Pain | R01 sub-award |  |
| Karen Houseknecht, Ph.D., Professor, Biomedical Science Department, College of Osteopathic Medicine  | Development of Mu Agonist Delta Antagonist Opioids as Analgesics for Chronic Pain | R01 sub-award |  |
| Glenn Stevenson, Ph.D., Associate Professor, Department of Psychology, College of Arts and Sciences | Delta and Mu Interactions in Arthritis-induced Changes to Progressive Ratio Responding | R15 Grant |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Assessment of Salmon Thrombin in Pain Models | Contract |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Salmon Thrombin as a Potential Analgesic in a Thermal Injury Pain Model | Contract |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | K-12 Neuroscience Outreach Program for the Biddeford School System | Contract |  |
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| **2014** |  |  |  |
| **Principle** **Investigator**  | **Project Title** | **Award** |  |
| Tamara King, Ph.D., Assistant Professor, Biomedical Science Department, College of Osteopathic Medicine | Determine the Effects of METDoloron on SNL-induced Ongoing Pain | Sub-award |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Kappa Opioid Agonist CNS-Mediated Dysphoric Actions Testing | Contract |  |
| Ian Meng, Ph.D., Professor, Department of Biomedical Sciences, College of Osteopathic Medicine  | Assessment of Experimental Dry Eye Therapy on Corneal Stimulation Evoked c-Fos Expression in the Medullary Dorsal Horn in the Rat | Contract |  |
| Derek Molliver, Ph.D., Associate Professor, Biomedical Science Department, College of Osteopathic Medicine  | Purinergic G Protein Signal Integration in Nociceptors | R01 Grant |  |
| Glenn Stevenson, Ph.D., Associate Professor, Department of Psychology, College of Arts and Sciences | Characterization of delta/mu Opioid Receptor Interaction on Chronic Osteoarthritis Pain-Depressed Behaviors and Bone/Joint Pathology | R15 Grant |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | University of New England K-12 STEM Grant in Neurosciences and Marine Sciences | Federal Award |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Further Assessment of the Pharmacology of Novel Opioid Peptide | Contract |  |
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| **2013** |  |  |  |
| **Principle Investigator**  | **Project Title** | **Award** |  |
| Geoffrey Bove, D.C., Ph.D., Professor, Department of Biomedical Sciences, College of Osteopathic Medicine  | Abdominal Massage for Post-Surgical Adhesions and Ileus | R01 Grant |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Assessing Efficacy and Side Effects of Novel Opioid Peptides | Contract |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | PK Analysis of MediGel Ivermectin and MediGel FBZ | Contract |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Efficacy Confirmation of Carprofen Gels after Ovariectomy | Contract |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Assessing Efficacy and Side Effects of a Novel Opioid Analgesic | Contract |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Assessing Gel Based Delivery of Ivermectin in Mice | Contract |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Improving the Treatment of Cancer-Related Pain Through Interprofessional Education and Patient Engagement | Foundation Grant |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Technology to Isolate Blood Cells from Saliva | Contract |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Duration and Quality Confirmation of Newly Re-Formulated Gels | Contract |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Further Assessment of the Side Effects of Novel Opioid Peptide | Contract |  |
| Edward Bilsky, Ph.D., Vice President for Research and Scholarship | Brain on Art | Foundation Grant |  |
| John Streicher, Ph.D., Assistant Professor, Biomedical Science Department, College of Osteopathic Medicine  | The Role of the Kappa Opioid Receptor in Regulating Cancer Proliferation In Vitro and In Vivo | Foundation Grant |  |
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