**NIH DETAILED BUDGET JUSTIFICATION**

**(Prepared for NCURA Regional Meeting)**

**Personnel**

**Susan Lavender, Ph.D., M.P.H., Principal Investigator (2.7 academic and 0.9 summer months in years 1-5.)**

Dr. Lavender is a Professor in the College of Public Health at Land-Grant State University (LGSU). She will direct all phases of the research. This includes hiring and training of LGSU and county staff to administer the baseline survey, deliver protocols, and insure fidelity to the implementation of the intervention and its evaluation, including the supervision of saliva cotinine analyses as well as overall supervision of the project and personnel. Dr. Lavender has conducted tobacco-related research for the past 20 years, most recently in Appalachian counties. Her research has focused on nicotine dependence and treatment, especially among underserved groups of smokers.

**Amy White, Ph.D., Co-investigator (effort = 1.2 calendar months in years 1-4 and 1.8 months in year 5).** Dr. White is an Associate Professor in the College of Public Health at LGSU. As an epidemiologist, she will be responsible for the administration of surveys (baseline and follow-up) and will be responsible for analyses related to Aim 2, which involve analytic methods for observational studies in a complex study design. She will participate in the preparation of project reports and publications. Dr. White and Dr. Lavender have collaborated in

the past on tobacco-related research studies that included longitudinal data collection and analyses.

**Sue Blu, Ph.D., Co-investigator (effort = 0.45 academic and 0.15 summer months years 1-5).** Dr. Blu is a Professor in the Department of Geography at L-GSU. She will supervise the design, implementation, and GIS data analyses for Specific Aim 3 (Exploratory Aim). She will train participants to complete the travel diary and will supervise the Graduate Research Associate tasks related to geocoding of databases, collection of geocoding county site, and ArcGIS® data analyses. Dr. Blu has extensive experience with the construction of measures and analyses of Geographical Information Systems.

**Project Director TBN (effort = 12 calendar months in years 1-5).** The project director will assist Dr. Lavender with the overall management of the project and will travel to the sites to coordinate ongoing project activities with the local county teams. The Project Director will assume responsibility for daily management of project personnel and coordination between the investigators, the staff, and protocol populations. The Project Director will train the lay health educators to conduct the intervention and will supervise collection of process evaluation data.

**Nurses TBN (effort = 9 calendar months in years 1-5).** Three 0.25 FTE nurses will serve as case-managers and will be responsible for supervising the implementation of the protocol by the lay educator staff in the intervention counties. The nurses will meet weekly with Extension Agents and Lay Educators to review progress.

**Lay Health Educators TBN (effort = 9 calendar months years 1-5).** Three 0.25 FTE lay educators will participate in the implementation of the intervention group protocol. The lay educators will receive four weeks of training to deliver the tobacco intervention. Lay educators will also participate in the pilot testing of the intervention. The lay educators will be chosen in consultation with the county Extension Agents.

**Graduate Research Associate (effort=6 months in years 1-5).** The Graduate Research Associate (a doctoral student in Epidemiology) will assist with survey data-related tasks. These include attention to data quality, entry, management, and analyses.

**Fringe benefits** rates are 28.0% for faculty academic year, 14.6% for faculty summer and 36.7% for administrative and professional staff. Personnel costs are adjusted 3% per year for inflation.

**Travel**

Local travel at $0.55/mile reimbursement for: training, data collection and implementation of the intervention for Specific Aim 1 and geocoding activities for Specific Aim 3 (Exploratory Aim). In addition, project staff from Columbus will travel periodically for meetings, training of lay health educators, etc. The project director will travel monthly to sites. **($5,550 for years 1-3, $2,755 in year 4, $8,325 in year 5)**

**Consultants**

Harry Black, Ph.D., has conducted tobacco intervention research for over 30 years. He has vast experience with clinical trials of cessation among clinical and community-based groups of smokers, and will share his expertise via a consulting arrangement. Dr. Black will travel to LGSU in years 1 and 5 to consult on the project.

Expenses include airfare, one-night lodging, and honorarium. **($2,000 in years 1 and 5)**

**Materials and Supplies**

The supplies include:

1) Purchase of six laptop computers at $2,000 each for use by each intervention lay health educator and each interviewer. The laptops will allow direct entry of data collected by interviewers during baseline, end-of-treatment (3 month) and 6 and 12 months and during implementation of the intervention protocol by lay educators **($12,000 in year 1)**

2) Nicotine replacement ($145 each for 708 participants. (**$65,250 in year 1 and $37,410 in year 2)**

**Tuition and Fees**

Tuition for Graduate Research Associates is included at $3,689 per quarter in year 1 and inflated 6% per year in years 2-5. **($14,756 in year 1, $15,641 in year 2, $16,580 in year 3, $17,574 in year 4, $18,629 in year 5)**

**Other**

Incentives for 708 participants as follows: $25 at baseline; $10 at end of treatment/3 months; $10 at 6 months; and $25 at 12 months. **($10,620 in years 1-2, $16,520 in year 3, and $11,800 in year 5)**

Cotinine analyses at $20/sample (n=797). (**$15,940 in year 5)**

Postage and photocopying of newsletter mailings to track participants and reduce attrition. (**$1,000/year)**

**Indirect Costs**

Land-Grant State University’s federally-negotiated indirect cost rate is 50% of modified total direct costs (excluding tuition, equipment, and subaward amounts over $25,000).