Georgia Tech’s HomeLab initiative provides the capability to conduct in-home research that supports the development of innovative technologies that promote health, wellness, and independence for older adults. HomeLab brings together a multidisciplinary team of scientists and engineers and a community of older adults interested in participating in research.

**Number of Participants by Age**

<table>
<thead>
<tr>
<th>Age Range</th>
<th>Number of Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 - 59</td>
<td>100</td>
</tr>
<tr>
<td>60 - 69</td>
<td>150</td>
</tr>
<tr>
<td>70 - 79</td>
<td>125</td>
</tr>
<tr>
<td>80 - 89</td>
<td>75</td>
</tr>
<tr>
<td>90+</td>
<td>50</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>585</strong></td>
</tr>
</tbody>
</table>

585 Active Participants
Range: 50 - 96
Mean: 72.3

**Gender**

- 170 Male
- 415 Female

29% Male, 71% Female

**Race**

- White: 396
- Black: 176
- Other: 29

68% White, 30% Black, 2% Other

**Marital Status**

- Married: 250
- Widowed: 150
- Divorced: 100
- Single: 50
- Separated: 10

**Education**

- Doctoral: 50
- Master’s: 100
- Bachelor’s: 150
- Some College/Associate’s: 200
- Vocational: 250
- High School /GED: 300
- Less than High School: 350

**Mobility Aids**

- Cane: 125
- Walker: 100
- Power Wheelchair: 75
- Manual Wheelchair: 50
- Scooter: 25
- Crutches: 10

**Annual Income**

- <$20K: 250
- $20-$39K: 200
- $40-$69K: 150
- $70-$99K: 100
- $100+: 50
- No Answer: 10

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## Medical Conditions

### Cardiovascular
- 361 Hypertension
- 311 High Cholesterol
- 81 Murmur
- 59 Coronary Artery Disease
- 57 Arrhythmia
- 38 Congestive Heart Failure
- 23 Hypotension
- 23 Structural Heart Disease
- 15 Atherosclerosis

### Neurological
- 74 Neuropathy
- 41 Migraines
- 38 Sciatica
- 12 Mild Cognitive Impairment
- 11 Epilepsy
- 10 Dementia
- 9 Parkinson’s Disease
- 9 Ménière’s Disease
- 8 Cluster Headaches
- 7 Traumatic Brain Injury
- 6 Multiple Sclerosis
- 3 Alzheimers
- 3 Radiculopathy

### Gastrointestinal
- 207 Reflux
- 51 Irritable Bowel Syndrome
- 49 Diverticulitis
- 9 Ulcerative Colitis
- 6 Crohn’s Disease

### Endocrine
- 141 Diabetes
- 83 Hypothyroidism
- 32 Hyperthyroidism

### Lung
- 66 Asthma
- 50 COPD
- 25 Emphysema

### Hepatic / Renal
- 31 Kidney Disease
- 6 Kidney Failure
- 6 Hepatitis
- 2 Cirrhosis
- 1 Liver Failure

### Urogenital
- 119 Urinary Incontinence
- 66 Enlarged Prostate
- 46 Ovarian Cyst
- 9 Interstitial Cystitis

### Sleep
- 156 Nocturia
- 139 Insomnia
- 92 Sleep Apnea
- 80 Restless Leg Syndrome

### Other
- 164 Balance Problems
- 75 Vertigo

### Vision
- 200 Cataracts
- 56 Glaucoma
- 52 Macular Degeneration
- 42 Blindness
- 17 Color Blindness

### Hearing
- 193 Hearing Loss
- 108 Tinnitus
- 64 Deafness

### Back Pain
- 284 Lower Back Pain
- 144 Mid Back Pain

### Communication

<table>
<thead>
<tr>
<th>Email</th>
<th>Cell Phone</th>
<th>Home Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>32%</td>
<td>25%</td>
<td>26%</td>
</tr>
<tr>
<td>68%</td>
<td>75%</td>
<td>74%</td>
</tr>
</tbody>
</table>

### Number of Residents in Home

- Alone: 68%
- 1 Other Person: 32%
- 2+ People: 75%