COLLECTION PLAN NEEDS LIST

Objects with “(BS)” following indicate needs that will be filled by the conversion of the long-term loan of the William Barclay Stephens Collection from the California Academy of Sciences to a gift.

1. Time Period

   a. Original and museum-quality reproductions of ancient and early pre-mechanical horological and astronomical objects, including:
      i. Astrolabes
      ii. Early sandglasses (all regions)
      iii. Sundials of all types
      iv. Clepsydra
      v. Model of Su Sung’s Astronomical Water Clock
      vi. Native American (North and South America) timekeeping objects
      vii. African timekeeping objects
      viii. Middle Eastern timekeeping objects
     ix. Calendars of all cultures

   b. Early timepieces
      i. Model of Giovanni Dei Dondi’s Astronomical Clock
      ii. Skull Watches
      iii. Cruciform Watches

   c. Modern Wristwatches (post 1970)
      i. American industrial watchmakers
      ii. European industrial watchmakers
      iii. Asian industrial watchmakers
      iv. Individual watchmakers of all regions

   d. Modern Clocks
      i. Innovative design
      ii. Clocks as art
      iii. Common clocks
      iv. Clocks in popular culture

2. Geographic Areas

   a. North American Clocks
      i. Complete and original Girandole clock
ii. Early (1st half 18th century) Philadelphia and Boston clocks (Stretch, Wills, Bagnall, etc.)

iii. Additional and original Massachusetts shelf clock, 1790-1820

iv. Burnap, Harland and/or Terry brass dial clock

v. Banjo clock with alarm and/or original glass

vi. Tall case clocks which specifically illustrate regional characteristics from Rhode Island, New Hampshire, New York, Maryland, Virginia, Georgia or the Carolinas (18th century or early 19th century)

b. North American Watches
   i. Henry & James Pitkin, NY
   ii. Mozart Watch Company, MI (BS)
   iii. Nashua Watch Company, NH
   iv. J. D. Custer, PA
   v. Freeport Watch Company, IL
   vi. Howard, Davis & Dennison, MA (BS)
   vii. Herman Von der Heydt, IL
   viii. Auburndale Watch Company, MA (BS)
   ix. J. P. Stevens (BS)
   x. American Albert Potter (we have a Swiss example)
   xi. Waltham Stone watch
   xii. Wristwatches of significant American Makers

c. United Kingdom
   i. Tavern or "Act of Parliament" clock, c.1800 (we have late 19th century dial and short drop examples)
   ii. Scottish long case clock (1770-1850)
   iii. Irish long case clock
   iv. Clock with Roman strike

d. France
   i. 18th century Cartel clock
   ii. Revolutionary period timepieces
   iii. Mystery clock (glass plate)
   iv. Early 19th century Morbier in a painted tall case
   v. Ormolu clocks – complete and with original finish
   vi. Large Urn clock on a pillar base

e. Italian
   i. Tall cases
   ii. Movements with Italian six-hour striking system
iii. Night clock

f. Dutch
   i. Cased example or model using Huygens’ escapement with cycloidal cheeks
   ii. Complete and original Zaandam wall clock

g. German / Austrian
   i. Early 19th century Biedermeier regulator with pediment
   ii. Biedermeier wall or shelf clocks
   iii. Large Trumpeter shelf or wall clock
   iv. Clocks featuring musical and/or automata
   v. Viennese shelf, bracket, and mantle clocks
   vi. Viennese Bilderuhr (picture clock that incorporate a dial as part of the painting)
   vii. Viennese Wanduhr (wall clock) with an eagle motif
   viii. Viennese Lanterndluhr (we have miniatures only)

h. Swiss
   i. Neuchatel bracket clock
   ii. Singing bird and/or any musical automata clock
   iii. Tall case clock

i. Asian
   i. Japanese bracket and/or rack clocks
   ii. Chinese Imperial School clocks

j. Native Americans (North and South America) timekeeping objects

k. African timekeeping objects

l. Middle Eastern timekeeping objects

3. Significance

a. One-of-a-kind objects by prominent clock/watch makers.
b. Objects that illustrate clear advancements in the field of horology
c. Religious timepieces, calendars, etc.
d. Objects with a unique and/or historic provenance
e. Objects that fall within the core mission of the museum and are otherwise unrepresented in the collection.