Appendices

Appendix 1: Class of 1961 Bushwick High School Participants in ‘Bushwick Story’ (Plate A1)

Appendix 2: Bushwick Family Sketch: Rauscher’s 1900–2010

Each Bushwick family over five (4) generations (say 1900–2010) would tell an intriguing story about growing up in Bushwick. Here is a profile of family life in Bushwick, the Rauscher family. The years 1900–1949 are covered in Plate A2 and the years 1953–2010 are covered in Plate A3. A brief summary follows.

Plate A2 (Left to Right photos)

1900

In 1900 the Rauscher’s joined a business venture in boat building with the Scaife’s. Here Rauscher & Scaife plied their trade at Rockaway, Brooklyn, into the 1900s. Boat building was a major industry in Brooklyn where good harbors afforded protection and timber for boats was readily available from Up State NY.

1915

In 1915 timber was still the main building material for boats as well as housing. Here Carl Rauscher (grandfather of Ray Rauscher (author) hoists his son, Henry Rauscher (author’s father). The house was in Staten Island, an early Rauscher residence. Note the chicken pen and vegetable garden, a common feature in most backyards at that time.
Plate A2 Bushwick Family Sketch: Rauscher’s 1900–1949. Left to Right: 1900 Rockaway, Rauscher’s Boat Building; 1915 Station Island Carl Rauscher and Son Henry, back yard; 1925 Menahan St, Henry Rauscher, back yard; 1930 Roselands Dance Hall (Manhattan), Henry Rauscher, Small Band Leader; 1945 (WW2) Arthur Rauscher (left) and Henry Rauscher, brother; 1949 Rauscher’s (l–r) from back Sonny, Grace (mom), Henry (dad), Ray, Arthur, Gracy and Joyce (Source: Ray Rauscher)
By 1925 the Rauscher family had moved to Bushwick. Backyards in the neighborhood were sparsely laid out. Here Henry Rauscher (10 years old) plays on a timber horse in the midst of a swing set and shed in Menahan St, Bushwick.

In 1930 the big bands were the draw card all over the USA. Here Henry Rauscher is photographed in full band tux with his drums. Henry, like so many Brooklyn music industry people in that era of bands, started up a five (5) piece band at Roselands, the Manhattan mecca for dance and music (located in mid-Manhattan and still in 2010 was functioning as a music venue).

The Second World War affected all Brooklyn families, with the Brooklyn Navy Yard producing a major component of the US frigate demands. Here Henry Rauscher joins his brother Arthur Rauscher in Menahan St, Bushwick (home of their parents). Henry’s son, Sonny Rauscher, would later serve in the Korean War.

Families in the 1940s were larger than today, a flashback to the Rauscher family in 1949.

Plate A3 covers the time span 1953–2010 (left to right photos).

By 1953 Menahan Street home of the Henry’s parents, Carl and Amelia, would become the family gathering place for all occasions. This house (Amelia in front with Storm, German Sheppard dog) is typical wrought iron gate, cellar level and two stories above, with entries below as well as steps to top floor. Note the decorations to celebrate Armistice Day, one of many celebrations that brought Brooklyn families at the time together.

In 1954 the Henry and Grace Rauscher home was in Cedar Street, Bushwick, just off Bushwick Av and a dozen streets from Henry’s parents Carl and Amelia’s Menahan home. Henry and Grace had a total of seven (7) children, staggered
between an older group of Lorraine, Sonny and Billy and a younger group of Gracie, Arthur, Ray and Joyce. Brooklyn families often lived close to their relatives for extended family support and social get-togethers. Here in Cedar St, Ray Rauscher carried a paper bag back from the corner shop, brother Arthur just visible behind Ray. Note the cars (Dodge, Plymouths, Desoto, Fords, etc.) in the street. These cars would sit there all week at times and be used on weekends for shopping or recreation (such as a trip to Coney Island or Jones Beach, Long Island).

1955

In 1955 Boy Scouts and other community organizations were still popular with families in Brooklyn. Here Ray (Troop 13 Brooklyn) stands beside a corner shop off Broadway, Bushwick. Note all the cigarette ads at the time on the tobacco shop.

1957

St Barbara’s Church was the center of a good deal of community life for Bushwick families.

1961

Bushwick High School was the high school that the Rauscher children attended. Here was the school when the class of 1961 graduated.

2010

By 2010 a good deal had changed in Brooklyn, Bushwick and the world. Here Ray stands beside a fig tree in inner city of Sydney, where he currently lives. The world too had changed to full photo digital color. Ray contributes this poem to all families keeping memories of early times.

Appendix 3: Selected Urban Planning Websites

Web links last referenced: 20 Nov 2013

The following web sites are considered good sources of information and contacts for urban planning and sustainability stemming from work of groups and institutions mostly located in Brooklyn (including Bushwick) and New York City.

93 Nevins Street
www.93nevins.com/
The web is about the development of a green house in Boerum Hill, Brooklyn.
Academy of Urban Planning
http://www.aupnyc.org
Home page for Academy of Urban Planning located in Bushwick (one of three schools replacing Bushwick HS).

Arts in Bushwick
www.artsinbushwick.org
Group that promotes the arts, including running an annual Bushwick arts festival

Bedford Stuyvesant
Walking tour of urban improvements

Billburg
www.billburg.com
To help people keep up to date on events in Williamsburg.

Bio-thinking
www.biothinking.com/greendrinks
International in scope, this is a social networking forum for those who work in the environmental field.

Brooklyn: About.com
www.brooklyn.about.com
Blog potpourri about Brooklyn.

Brooklyn Center for the Urban Environments (BCUE)
As of April 09 the BCUE was not in operation. The latest news about the Center can be found at Sustainable Flatbush www.sustainableflatbush.org

Brooklyn Historical Society
http://www.brooklynhistory.org/visitor/visitors.html
Located in the Brooklyn Heights historic district, exhibits cover all aspects of Brooklyn’s rich history.

Brooklyn on Line
www.brooklynonline.com
Web is a large collection of Neighborhood resources including photos, history, events, etc.

Brooklyn Paper
www.brooklynpaper.com
This offers an online paper which covers news of western Brooklyn from Greenpoint to Gravesend.

Community Energy: Wind Energy Leaders
www.newwindenergy.com/
Commercial company involved with providing wind energy to businesses and individuals.
Community Environmental Center  
www.cecenter.org/  
A non-profit organization dealing with energy reduction and green building solutions.

Green Buildings NYC  
www.greenbuildingsnyc.com  
Purpose is to connect green buildings, business and real estate to the law

Harlem Renewal – walking tour.  
The search button will take you to the walking tour

International center for Local Environment Initiatives (ICLEI)  
www.iclei.org  
Promotes initiatives in environmental improvements at the local level

Make the Road Count  
www.maketheroad.org  
Founded in 1997 in Bushwick, the organization promotes equal rights and economic and political opportunity for low income New Yorkers through community organizing.

Metrotech BID Downtown Brooklyn  
www.metrotechbid.org  
Metrotech is non-profit community development organization founded in 1992 to further revitalization of Downtown Brooklyn.

Municipal Arts Society  
www.mas.org  
Contains the document, “Planning for all New Yorkers: an atlas of community based plans-Brooklyn.”

Newtown Creek Alliance  
www.newtowncreekalliance.org  
The alliance is a community organization dedicated to revitalizing, restoring and revealing Newtown Creek which is on the border of Bushwick and Greenpoint

Neighborhood Preservation Center  
www.neighborhoodpreservationcenter.org

New Village  
http://www.newvillage.net

New York City (City Council) www.home.nyc.gov

New York City Department of City Planning  
www.home.nyc.gov/html/dcp/home.html  
New York City site with major planning projects (search button for example ‘Coney Island’)

Appendices
New York City Department of Housing Preservation and Development – Bushwick  
Contains a walking tour of new urban developments in Bushwick

New York State Environmental Research and Development Authority (NYSERDA)  
www.nyserda.org  
Promotes innovations in environmental advances (i.e. energy conservation)

Planners Network: the Organization of Progressive Planning  
www.plannersnetwork.org  
This is an organization for those interested in urban planning.

Pratt Center for Community Development  
www.picced.org  
The Pratt Center is located within the Pratt Institute.

Project for Public Spaces  
www.pps.org/  
PPS is a non-profit organization dedicated to helping people create and sustain public places that build communities.

Ridgewood-Bushwick Senior Citizens Corp  
www.rbscc.org  
RBSCC is a not for profit group that provides a range of programs, including housing developments, in the Bushwick and Ridgewood neighborhoods

Stable Brooklyn Community Group  
www.stablebrooklyn.com  
Contributing to sensible Neighborhood design

Up in Flames  
www.brooklynhistoricalsociety.org

Wikipedia on Bushwick  
http://en.wikipedia.org/wiki/Bushwick  
Site gives a significant background to Bushwick with numerous links.
As the story opened with a dedication to Walt Whitman, the story closes with a poem to Whitman (Plate PS1).

With the Obama presidential second term in place, the administration in Washington is facing a barrage of urban planning issues. A mural depicting a call for perfection in the American union is duplicated in Plate PS2, a perfection needed in moving to sustainable communities across America and around the world. The mural is at (2010) Grattan, between Morgan and Bogart St, Brooklyn.

We the people, in order to form a more perfect union....two hundred and twenty one years ago....a group of men gathered and, with these simple words, launched America’s improbably experiment in democracy…The document they produced was eventually signed but ultimately unfinished. It was stained by this nation’s original sin of slavery…I believe deeply that we cannot solve the challenges of our time unless we solve them together… unless we perfect our union by understanding that we may have different stories, but we hold common hopes… And if we walk away now, if we simply retreat into our respective corners, we will never be able to come together and dissolve challenges like health care, or education, or need to find good jobs for every American. But it is where we start. It is where our union grows stronger. And as so many generations have come to realize, over the course of the two-hundred and twenty one years since a band of patriots signed that document in Philadelphia. That is where the perfection begins

Barrack Obama

You can read the whole speech here: www.my.barackobama.com/page/content/hisownwords

Finally, a closing note is included as a thank you to the students of the Academy of Urban Planning (Bushwick). May the school and its pupils continue to meet success. A success in the schooling system can compliment successes in building sustainable communities. The pioneers of Brooklyn and Bushwick, as reviewed in the first part of the book, would be proud as Bushwick strides to renewal. A final tribute to all of Brooklyn’s Bushwick residents, past and present (Plate PS3).
You have given us great insight into the depths of life
Your Leaves of Grass spring of eternal light
You have lived so many lives in your term on earth
You embrace all men, women, child and leaf

Your enthusiasms for living knows no equal on earth
You have covered every blade of grass pushing through
You have nudged us to sort the complexities of life
You view life as continual jumping of logs down a raging river

Your passion still infuses every soul of salt
Music and harsh reality rest side by side in balance
You spell out all surprises and disappointments
Always the full life and unexpected trials coming

Mr Whitman, your work is not weathered with age or taste
You’re true for today’s masses alive as of yesterday
More so, your potion would soothe lives so empty today
Woes of many would be comforted with your humanity

The rock you stood on gave strength to people then
Hopes uplifted and burning desire were ignited
The road of life you pointed to flows with ease and pulse
Words inscribed for thirsty today and fifty centuries to come

We lost you Mr Whitman on our road so busy surviving
Rushing and repairing, maintaining and investing
Somewhere the rhythm of life gets mixed and disparate
The total results dissipated in lost directions today

In your Blades of Grass you give a compendium of life
How much we grab and possess is within our grasp
There is no boundary to that exuberance you offer
We will not lose sight of your wisdom love of city living

Plate PS1  Whitman of Brooklyn (Source: Ray C. Rauscher (Unpublished))
The Bushwick urban renewal story takes us to mind maps etched deep
We text the passages of fading streets of bustle and heartfelt pangs
We tempt travel again in flickering sparks alighting under trolley wires
Haze lifts pushing curtains heavy into peaks of past still buried

For within ourselves permission granted to fly into map corners precious
Laid out still are footprints of snow never melted in sneakers deep
Blanket again that white fine fluff swept to corners of your soul
Relive those secrets and friendships bonded in Bushwick etchings

Plate PS3  Poem: Maps Etched Deep in Bushwick (Source: R Rauscher (unpublished))
I was born (1943) in Menahan St, Bushwick, and lived early years in Cedar St (1945–1958). Bushwick. High School years were spent in the adjoining neighborhood of Ridgewood, Queens (1958–1961), attending Bushwick High School. University years were spent in the Bronx (1961–1965), attending City College of New York (1966 BE – Civil) (uptown Manhattan). A tour of duty was completed in Vietnam (1966–67), engaged in engineering projects (Corps of Engineers, Highlands Vietnam).

In 1968 the first part of a masters urban planning degree was completed at the University of Michigan. The research study here was Urban Crisis: Proposal for Region Serving New Cities (Rauscher 1969) (unpublished), a case study of Livingston County (outside Detroit). Subsequent 11 years in Australia (married to Diane, two children Anna and Maree) led to a Masters Town and Country Planning (thesis Community Response to a Redevelopment Proposal ((Sydney University (1971)).

In 2009 I was awarded a doctoral from the University of Newcastle, Australia (thesis R.C. Rauscher and S. Momtaz, Brooklyn’s Bushwick - Urban Renewal in New York, USA: Community, Planning and Sustainable Environments, DOI 10.1007/978-3-319-05762-0, © Springer International Publishing Switzerland 2014.

My initial reaction on touring Bushwick (visiting parents and sibling families) in 1979 (2 years after the Bushwick arson fires) convinced me that urban renewal here faced an enormous challenge. Subsequent visits in 1982, 1993, 1998, 2000, 2007, 2008, and 2010 enabled further research to be completed, focusing on urban renewal in Bushwick and Northeast Brooklyn (including Greenpoint and Williamsburg), and with visits to Brooklyn Downtown and Southeast Brooklyn (including Coney Island).

Dr. Rauscher is currently a Conjoint Lecturer at the University of Newcastle, Australia. He is also a director of Habitat Association for Arts and Environment Inc. (www.habitatassociation.com.au). Ray has lived in and been active in community development and planning in localities, such as: USA, including Brooklyn and Denver; Australia, including Sydney (Ashfield, Canterbury, Hornsby, North Sydney, St George and Marrickville), Central Coast Region (Gosford City and Wyong Shire); and, Hunter Region (Newcastle City and Singleton).

Salim Momtaz

I was born in Dhaka, the capital city of Bangladesh. I received my B.Sc. with Honors and Masters in Geography from the University of Dhaka. Urban Geography and Urban Planning were two courses in my Masters curriculum that introduced me to the concepts of urban planning models and urban renewal.

Between 1986 and 1990 I was at the University College London under a Commonwealth Scholarship doing PhD in Regional Planning. I migrated to Australia in 1994 and started teaching at Central Queensland University and later joined the University of Newcastle. I taught a course titled ‘Planning for Sustainability’ which gave me the opportunity to learn more about sustainable urban planning models and disseminate my knowledge to undergraduate students. Ray and I become interested about publishing a book on Bushwick and Northeast
Brooklyn urban renewal when we were working on our first book (see later). I was amazed by the amount of information Ray had collected on urban history and transformation of Bushwick during his numerous visits to New York between 1979 and 2010. His family history and its link with the history of Bushwick and Northeast Brooklyn made this book project a possibility. I felt there was a good deal to share with people of that district and beyond. I thus happily shared my knowledge and skills to bring the idea of the book to fruition.

Dr Salim Momtaz is a Senior Lecturer at the University of Newcastle, Australia. He teaches in the area of Sustainable Resource Management. Salim’s current research interests include: development and environment; climate change adaptation; environmental governance; and, social impact assessment. He had a stint in the US teaching Environmental and Social Impact Assessment at Georgetown University, Washington D.C., as a Visiting Professor. He has also been a Rotary International Ambassadorial Fellow to Bangladesh. Finally, Salim has been a member of the Scientific Advisory Committee, Netherlands Government Research Organization, between 2007 and 2010. His two recent books are: Evaluating Environmental and Social Impact Assessment (Elsevier 2013) (co-author S. Kabir), and Sustainable Communities: A Framework for Planning (Springer 2013) (co-author with R. Rauscher) http://www.springer.com/environment/sustainable+development/book/978-94-007-7508-4.
Glossary

**Act**  An act is “an order, law or judgment as of Parliament” (Macquarie Dictionary 2005).

**Agenda 21**  is a detailed plan of actions dealing with all aspects of ecologically sustainable development and desirable national policies. The concept was agreed to by the national representatives at the United Nations Conference on Environment and Development (UNCED) at Rio de Janeiro in June 1992.

**Agreement** coming to an arrangement; a condition of agreeing. (Macquarie Dictionary 2005)

**Area**  A region (or other size) such as a settled area; an area of land delineated by geographical features; and, can also be an administrative area such as a sub-part of a city (Macquarie Dictionary 2005).

**Climate Change**  global changes in climate associated with the greenhouse effect, including the overall effects on climate of human made and natural changes;

**Cultural Land** relating to tradition of indigenous people lands (Macquarie Dictionary 2005)

**Ecology**  branch of biology dealing with organism and their environment

**Environment**  the aggregate of surrounding things, conditions or influences. Broad natural surrounding conditions, such as the bush, rivers, air, sea in which human and natural elements exist (Macquarie Dictionary 2005).

**ESD (Ecologically Sustainable Development)** using, conserving and enhancing the community’s natural resources so that ecological processes on which life depends are maintained and the total quality of life, now and into the future, can be increased.

**Indicator**  recording variations, reactions or changes affecting a system.

**Kyoto Agreement** under the United Nations as signed by nation; effective when Russia signed in September 2004; requires nations to reduce greenhouse gases

**Limits to Growth** the title of a book published in 1972 by the Club of Rome with predictions of severe consequences if the world’s population and resource use continued to grow

**Local Environment** an environment limited to a particular place or small area; relates to parts of an area as of a system.

**Natural Capital** potential wealth in resources and the environment due to their original natural qualities, as against human made capital due to human activities.

**Neighborhood** a district or locality with reference to living boundaries.

**Precinct** a space of definite or understood limits and its environs (Macquarie Dictionary 2005).

**Principle** a principle is ‘a rule or law exemplified in natural phenomena’ (The Macquarie Dictionary 2005).

**Protocol** a protocol is ‘rules of behaviour to be agreed upon by heads of organizations’ (Macquarie Dictionary 2005).

**Seniors Area** a planning term relating to areas set aside for older aged group living.

**Sensitive** affected by external agencies or influences; affected by small amounts of change (Macquarie Dictionary 2005).

**Standard** a basis of comparing things of a similar nature; serving as a basis or measure or value (Macquarie Dictionary 2005).

**Suburb** a part of a district or local government area.

**Sustainable Urban Planning (SUP)** urban planning that includes the adoption of ecological sustainable development (ESD) principles.

**Sustainability** managing our natural resources in a way that maintains their environment, economic and cultural values, so that they continue to be available in the long-term.

**Urban** relation to a city or town (Macquarie Dictionary 2005).

**Vulnerable** susceptible to physical impact; not protected or immune.
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